|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Apple TV has a lot of incredibly amazing features buried in its settings menu and all the settings are exquisitely configured. | Has a lot of amazing features incredibly buried in its settings | amazing |  | incredibly |  | 0.6875 |
| All the settings are exquisitely set. | set |  | exquisitely |  | 0.0389 |

* **Has a lot of amazing features incredibly buried in its settings**

Value = 1− (1− SentiScore) x

SWN score of amazing = 0.6875

Incredibly = x = 2.5

1 – (1-0.6875)2.5 = 0.9455

* **All the settings are exquisitely set**.

Value = 1− (1− SentiScore) x

SWN score of set = 0.0389

Exquisitely = x =2.8

1 – (1-0.0389)2.8 = 0.1052

Sum up the value of all statements and calculate the average using

**Bavg** =

**Bavg**= = **0.5253**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

0.7626

**Positive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | The compressor of refrigerator constricts the refrigerator vapors exquisitely well. Strikingly raising pressure and temperature. And totally pushes it into the coil of condenser. | The refrigerator vapors exquisitely well. | well |  | exquisitely |  | 0.3542 |
| Strikingly raising pressure and temperature. | Raising |  | Strikingly |  | 0.0625 |
| And totally pushes it into the coil of condenser. |  | Pushes | Totally |  | 0.0667 |

* **The refrigerator vapors exquisitely well**.

Value = 1− (1− SentiScore) x

SWN score of well = 0.3542

Exquisitely = x = 2.8

1 – (1-0.3542)2.8 = 0.7061

* **Strikingly raising pressure and temperature**.

Value = 1− (1− SentiScore) x

SWN score of Raising = 0.0625

Strikingly = x = 1.5

1 – (1-0.0625)1.5 = 0.0923

* **And totally pushes it into the coil of condenser**.

Value = 1− (1− SentiScore) x

SWN score of Pushes =0.0667

Totally = x =4.5

1 – (1-0.0667)4.5 = 0.2671

Since the word has a negative polarity so we will multiply it with -1

Total value =0.2671 x -1 = - 0.2671

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= =-**0.1771**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

0.5885

**Positive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | AC motors having totally arranged patterned with best designed. Which are incredibly powered by alternating current. | AC motors having totally arranged patterned | best |  | totally |  | 0.3056 |
| Which are incredibly powered by alternating current. | Power |  | incredibly |  | 0.0875 |

* **AC motors having totally arranged patterned**.

Value = 1− (1− SentiScore) x

SWN score of best = 0.3056

Totally = x = 4.5

1 – (1-0.3056)4.5 = 0.8063

* **Which are incredibly powered by alternating current**.

Value = 1− (1− SentiScore) x

SWN score of Power = 0.0875

incredibly = x = 2.5

1 – (1-0.0875)2.5 = 0.2047

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= 0.5055

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

0.7527

**Very positive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Dish T.V gives incredibly wide range of networks on which you can find exquisitely marvelous channels with a lot of programs. | Incredibly an extra range of channels. | extra |  | incredibly |  | 0.0893 |
| you can find exquisitely marvelous channels | Marvelous |  | exquisitely |  | 0.4167 |

* **Incredibly an extra range of channels**.

Value = 1− (1− SentiScore) x

SWN score of extra = 0.0893

Incredibly = x = 2.5

1 – (1-0.0893)2.5 = 0.2086

* **you can find exquisitely marvelous channels**.

Value = 1− (1− SentiScore) x

SWN score of Marvelous = 0.4167

Exquisitely = x =2.8

1 – (1-0.4167)2.8 = 0.779

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= 0.4938

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

0.7469

**Very positive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | The incredibly amazing features of the recent Samsung smart TV’s interface. With totally stylish designs. | The incredibly amazing features of the recent Samsung smart TV’s interface. | amazing |  | incredibly |  | 0.6875 |
| With totally stylish designs. | designs |  | Totally |  | 0.0536 |

* **The incredibly amazing features of the recent Samsung smart TV’s interface**.

Value = 1− (1− SentiScore) x

SWN score of amazing = 0.6875

Incredibly = x =2.5

1 – (1-0.6875)2.5 =0.9455

* **With totally stylish designs.**

Value = 1− (1− SentiScore) x

SWN score of designs = 0.0536

Totally = x = 4.5

1 – (1-0.0536)4.5 = 0.2196

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.5845**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.7922**

**Very positive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | LED light is basically a colorful and really solid aluminum wire. But with combination of oxidation frame, LED through an incredibly bright color. | LED light is basically a colorful and really solid aluminum wire. | Solid |  | really |  | 0.125 |
| LED through an incredibly bright color. | Bright |  | incredibly |  | 0.2614 |

* **LED light is basically a colorful and really solid aluminum wire**.

Value = 1− (1− SentiScore) x

SWN score of Solid = 0.125

Really = x =2

1 – (1-0.125)2 = 0.2344

* **LED through an incredibly bright color.**

Value = 1− (1− SentiScore) x

SWN score of Bright = 0.2614

Incredibly = x = 2.5

1 – (1-0.2614)2.5 = 0.5312

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.3828**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.6914**

**Very positive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Electronics from Japan like L.E.D, L.C.D, and T.V with exquisitely wonderful designs. But totally different with the appearance features of Chinese electronics. | Electronics from Japan like L.E.D, L.C.D, and T.V with exquisitely wonderful designs | Wonderful |  | exquisitely |  | 0.75 |
| But totally different with the appearance features of Chinese electronics | Different |  | totally |  | 0.225 |

* **Electronics from Japan like L.E.D, L.C.D, and T.V with exquisitely wonderful designs.**

Value = 1− (1− SentiScore) x

SWN score of Wonderful = 0.75

Exquisitely = x = 2.8

1 – (1-0.75)2.8 = 0.9794

* **But totally different with the appearance features of Chinese electronics**.

Value = 1− (1− SentiScore) x

SWN score of Different = 0.225

Totally = x = 4.5

1 – (1-0.225)4.5 = 0.6825

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.8309**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

0.9154

**Extremely positive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | LED light is basically a colorful and really solid aluminum wire. But with combination of oxidation frame, LED through an incredibly bright color. | LED light is basically a colorful and really solid aluminum wire. | Solid |  | really |  | 0.125 |
| LED through an incredibly bright color. | Bright |  | incredibly |  | 0.2614 |

* **LED light is basically a colorful and really solid aluminum wire**.

Value = 1− (1− SentiScore) x

SWN score of Solid = 0.125

Really = x =2

1 – (1-0.125)2 = 0.2344

* **LED through an incredibly bright color.**

Value = 1− (1− SentiScore) x

SWN score of Bright = 0.2614

Incredibly = x = 2.5

1 – (1-0.2614)2.5 = 0.5312

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.3828**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.6914**

**Very positive**

* **TV is an extremely friendly agent**.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | TV is an extremely friendly agent of socialization. That made marginally wrong boundaries between family gatherings | TV is an extremely friendly agent | Friendly |  | extremely |  | 0.275 |
| That made marginally wrong boundaries |  | Wrong | Marginally |  | 0.625 |

Value = 1− (1− SentiScore) x

SWN score of Friendly = 0.275

Extremely = x =3

1 – (1-0.275)3 = 0.619

* Wrong boundaries that made marginally.

Value = 1− (1− SentiScore) x

SWN score of Wrong = 0.625

Marginally = x = 1.7

1 – (1-0.625)1.7 = 0.8113

Since the word has a negative polarity so we will multiply it with -1

Total value = 0.8113 -1 = - 0.8113

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = - **0.09615**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.4519**

**Negative**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | LG washer was exquisitely designed with a door. It’s really larger with capacity. That make it marginally perfect than other washers. | LG washer was exquisitely designed with a door. | Designed |  | exquisitely |  | 0.0536 |
| It’s really larger with capacity | Larger |  | Really |  | 0.125 |
| That make it marginally perfect than other washers. | Perfect |  | Marginally |  | 0.40 |

* **LG washer was exquisitely designed with a door**.

Value = 1− (1− SentiScore) x

SWN score of Designed = 0.0536

Exquisitely = x =2.8

1 – (1- 0.0536)2.8 = 0.143

* **It’s really larger with capacity**.

Value = 1− (1− SentiScore) x

SWN score of Larger = 0.125

Really = x = 2

1 – (1-0.125)2 = 0.2344

* **That make it marginally perfect than other washers**.

Value = 1− (1− SentiScore) x

SWN score of Perfect = 0.40

Marginally = x = 1.7

1 – (1-0.40)1.7 = 0.5804

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.3192**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.6596**

**Positive**

* Works without belt which phenomenally.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Motor of Dawlance washing machine works without belt which phenomenally perfect in vibration and heavy noise. It make the washer Quiet and very very strong. | Works without belt which phenomenally perfect. | Perfect |  | phenomenally |  | 0.40 |
| It make the washer Quiet and very very durable | strong |  | very very |  | 0.225 |

Value = 1− (1− SentiScore) x

SWN score of Perfect = 0.40

Phenomenally = x = 3.5

1 – (1-0.40)3.5 = 0.8327

* It make the washer Quiet and very very.

Value = 1− (1− SentiScore) x

SWN score of strong = 0.225

Very very = x = 4

1 – (1-0.225)4 = 0.6393

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.736**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.868**

**Extremely positive**

* **The Eco friendly designed machines allow you to have totally**.

Value = 1− (1− SentiScore) x

SWN score of Convenience = 0.2188

Totally = x = 4.5

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | The Eco friendly designed machines allow you to have totally convenience. So that with marginally stylish interior. | The Eco friendly designed machines allow you to have totally convenience. | Convenience |  | totally |  | 0.2188 |
| stylish interior So that with marginally | Stylish |  | marginally |  | 0.25 |

1 – (1-0.2188)4.5 = 0.6709

* **Stylish interior So that with marginally**.

Value = 1− (1− SentiScore) x

SWN score of Stylish = 0.25

Marginally = x = 1.7

1 – (1-0.25)1.7 = 0.3868

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.5288**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.7644**

**Very positive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | This machine has a phenomenally ideal heater with less spongy outside, making it very less liable for hot water buildup. As the heater works tremendously perfect up to ten year. | This machine has a phenomenally ideal heater. | ideal |  | Phenomenally |  | 0.3 |
| As the heater works tremendously perfect up to ten year. | Perfect |  | Tremendously |  | 0.40 |

* **This machine has a phenomenally ideal**

Value = 1− (1− SentiScore) x

SWN score of ideal = 0.3

Phenomenally = x = 3.5

1 – (1-0.3)3.5 = 0.7131

* **As the heater works tremendously perfect up to ten year**.

Value = 1− (1− SentiScore) x

SWN score of Perfect = 0.40

Tremendously = x = 3

1 – (1-0.40)3 = 0.784

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.7485**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.8742**

**Extremely positive**

* **Eco bubbling washing machine has extremely amazing features with Diamond Drum technology**

Value = 1− (1− SentiScore) x

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Eco bubbling washing machine has extremely amazing features with Diamond Drum technology. So it can phenomenally replace the typical washing drum with one covered in deep, Diamond shaped depressions. | Eco bubbling washing machine has extremely amazing features with Diamond Drum technology | amazing |  | Extremely |  | 0.6875 |
| So it can phenomenally replaces the typical washing drum |  | Replaces | phenomenally |  | 0.125 |

SWN score of amazing = 0.6875

Extremely = x = 3

1 – (1-0.6875)3 = 0.9695

* **So it can phenomenally replaces the typical washing drum**

Value = 1− (1− SentiScore) x

SWN score of Replaces = 0.125

Phenomenally = x = 3.5

1 – (1-0.125)3.5 = 0.3734

Since the word has a negative polarity so we will multiply it with -1

Total value=0.3734 x -1 = - 0.3734

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **-0.6714**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.1643**

**Extremely negative**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | A wide variety of washing machines have a phenomenally quick wash setting. This really allows you to wash a small load quickly. | A wide variety of washing machines have a phenomenally quick wash setting | quick |  | virtually |  | 0.0625 |
| This really allows you to wash a small load quickly. | Allows |  | Really |  | 0.05 |

* **A wide variety of washing machines have a phenomenally quick wash setting**

Value = 1− (1− SentiScore) x

SWN score of quick = 0.0625

Virtually = x = 2.2

1 – (1-0.0625)2.2 = 0.1324

* **This really allows you to wash a small load quickly**

Value = 1− (1− SentiScore) x

SWN score of Allows = 0.05

Really = x = 2

1 – (1-0.05)2 = 0.0975

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.1149**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.5574**

**P0sitive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | She fairly guides me about which power back up features are essential. And how to Choose marginally best washing machine? | She fairly guides me about which power back up features are essential. | Guide |  | fairly |  | 0.0114 |
| And how to Choose marginally best washing machine? | best |  | Marginally |  | 0.3056 |

* **She fairly guides me about which power back up features are essential**.

Value = 1− (1− SentiScore) x

SWN score of Guide = 0.0114

Fairly = x =0.8

1 – (1-0.0114)0.8 = 0.0092

* **And how to choose marginally best washing machine?**

Value = 1− (1− SentiScore) x

SWN score of best = 0.3056

Marginally = x = 1.7

1 – (1-0.3056)1.7 = 0.4621

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.2356**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

0.6178

**Positive**

* **The right washing machine should have marginally unbeaten features**.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | The right washing machine should have marginally unbeaten features. It also has function to deliver luminously clean clothes. | The right washing machine should have marginally unbeaten features | Unbeaten |  | marginally |  | 0.125 |
| It also has function to deliver luminously clean clothes. | clean |  | luminously |  | 0.246 |

Value = 1− (1− SentiScore) x

SWN score of Unbeaten = 0.125

Marginally = x = 1.7

1 – (1-0.125)1.7 = 0.2031

* **It also has function to deliver luminously clean clothes**.

Value = 1− (1− SentiScore) x

SWN score of clean = 0.246

Luminously = x =2.5

1 – (1-0.246)2.5 = 0.5064

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.3547**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.6773**

**Very positive**

* **Laptop technology strikingly getting better day by day**.

Value = 1− (1− SentiScore) x

SWN score of better = 0.4904

Strikingly = x = 1.5

1 – (1-0.4904)1.5 = 0.6363

* **There are mushy features available on modern models**.

Value = 1− (1− SentiScore) x

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Laptop technology strikingly getting better day by day. There are mushy features available on modern models. | Laptop technology strikingly getting better day by day. | better |  | strikingly |  | 0.4904 |
| There are mushy features available on modern models. | Features |  | mushy |  | 0.0469 |

SWN score of Features = 0.0469

Mushy = x = 3

1 – (1-0.0469)3 = 0.1343

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.3853**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.6926**

**Very positive**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | A Haier washing machine is a fairly amazing device. It washes laundry with exquisitely ultrasonic cleaners. | Machine is a fairly amazing device. | amazing |  | awfully |  | 0.6875 |
| It washes laundry with exquisitely ultrasonic cleaners | Ultrasonic |  | exquisitely |  | 0.375 |

* **Machine is a fairly amazing device**.

Value = 1− (1− SentiScore) x

SWN score of amazing = 0.6875

Awfully = x = 2.3

1 – (1-0.6875)2.3 = 0.9312

* **It washes laundry with exquisitely ultrasonic cleaners**.

Value = 1− (1− SentiScore) x

SWN score of Ultrasonic = 0.375

Exquisitely = x = 2.8

1 – (1-0.375)2.8 = 0.7318

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.8315**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.9157**

**Extremely positive**

* **Satellite receives exquisitely defective broadcasting signals**.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | An LG TV from satellite receives exquisitely defective broadcasting signals during bad weather. But turns them into ravishingly fair pictures and sound. | Satellite receives exquisitely defective broadcasting signals |  | Defective | exquisitely |  | 0.25 |
| But turns them into ravishingly fair pictures. | fair |  | incredibly |  | 0.1765 |

Value = 1− (1− SentiScore) x

SWN score of Defective =0.25

Exquisitely = x = 2.8

1 – (1-0.25)2.8 = 0.5535

Since the word has a negative polarity so we will multiply it with -1

Total value=0.5535 x -1 = - 0.5535

* **But turns them into ravishingly fair pictures**.

Value = 1− (1− SentiScore) x

SWN score of fair = 0.1765

Incredibly = x = 2.5

1 – (1-0.1765)2.5 = 0.3846

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= =- **0.4690**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.2655**

**Very negative**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | It’s sure that watching too much TV is harmful. That leads to an extremely worst sedentary. So cause for a really inactive lifestyle. | It’s sure that watching too much TV is harmful. | Much |  | too |  | 0.1607 |
| That leads to an extremely worst |  | Worst | Extremely |  | 0.6875 |

* **It’s sure that watching too much TV is harmful**.

Value = 1− (1− SentiScore) x

SWN score of much = 0.1607

Too = x = 1.6

1 – (1-0.1607)1.6 = 0.2485

* **That leads to an extremely worst**

Value = 1− (1− SentiScore) x

SWN score of Worst = 0.6875

Extremely = x = 3

1 – (1-0.6875)3 = 0.9695

Since the word has a negative polarity so we will multiply it with -1

Total value=0.9695 x -1 = - 0.9695

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **-0.609**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.1955**

**Very negative**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | The right to use information from computer, radio, and TV are bringing exquisitely pleasant change on the large planet. That totally raises the standard of living. If it remain the change even too much dramatically in the year to come. | computer, radio, and TV are bringing exquisitely pleasant change | Pleasant |  | exquisitely |  | 0.6875 |
| That totally raises the standard of living | Raises |  | totally |  | 0.0484 |
| If it remain the change even too good dramatically in the year to come. | Good |  | too |  | 0.5694 |

* **Computer, radio, and TV are bringing exquisitely pleasant change**

Value = 1− (1− SentiScore) x

SWN score of Pleasant= 0.6875

Exquisitely = x = 2.8

1 – (1-0.6875)2.8 = 0.9615

* **That totally raises the standard of living**

Value = 1− (1− SentiScore) x

SWN score of Raises = 0.0484

Totally = x = 4.5

1 – (1-0.0484)4.5 = 0.2001

* **If it remain the change even too good dramatically in the year to come**.

Value = 1− (1− SentiScore) x

SWN score of Good = 0.5694

Too = x = 1.6

1 – (1-0.5694)1.6 = 0.7403

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.6339**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.8169**

**Very positive**

* **A.C motors can be incredibly constructed**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | A.C motors can be incredibly constructed with a large number of internal operational features and additional components cannot be marginally add in the motor body | A.C motors can be incredibly constructed | Construct |  | incredibly |  | 0.0714 |
| additional components cannot be marginally add | add |  | marginally | not | 0.1607 |

Value = 1− (1− SentiScore) x

SWN score of Construct = 0.0714

Incredibly = x = 2.5

1 – (1-0.0714)2.5 = 0.1691

* **additional components cannot be marginally add**

Value = 1− (1− SentiScore) x

SWN score of add = 0.1607

Marginally = x =1.7

1 – (1-0.1607)1.7 = 0.2576

As we have negation in this sentence so multiply this value with -1

Total value=0.2576 x -1 = - 0.2576

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **-0.2133**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.3933**

**Negative**

* **The new PEL refrigerator is extremely expensive**.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | The new PEL refrigerator is very expensive. Having its awful heavy price. It’s all ideal features and exquisitely designs are went down | The new PEL refrigerator is extremely expensive. | expensive |  | very |  | 0.5 |
| Having its extremely heavy price. |  | heavy | Extremely |  | 0.0917 |
| It’s all ideal features and exquisitely designs are went down | Designs |  | Exquisitely |  | 0.0536 |

Value = 1− (1− SentiScore) x

SWN score of expensive =0.5

Very = x = 2

1 – (1-0.5)2 = 0.75

* **Having its extremely heavy price**.

Value = 1− (1− SentiScore) x

SWN score of heavy = 0.0917

Extremely = x = 3

1 – (1-0.0917)3 = 0.2507

Since the word has negative polarity so multiply it with -1

Total value=0.2507 x -1 = - 0.2507

* **It’s all ideal features and exquisitely designs are went down**.

Value = 1− (1− SentiScore) x

SWN score of Designs = 0.0536

Exquisitely = x = 2.8

1 – (1-0.0536)2.8 = 0.143

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **-0.3812**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.3094**

**Very negative**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | A Fridge works incredibly impressive by passing a cool gas around food items. This totally absorbs heat from them. | Works incredibly impressive by passing | Impressive |  | incredibly |  | 0.25 |
| This totally absorbs heat from them. | absorbs |  | totally |  | 0.0833 |

* **Works incredibly impressive by passing**

Value = 1− (1− SentiScore) x

SWN score of Impressive = 0.25

Incredibly = x = 2.5

1 – (1-0.25)2.5 = 0.5129

* **This totally absorbs heat from them**.

Value = 1− (1− SentiScore) x

SWN score of absorbs = 0.0833

Totally = x = 4.5

1 – (1-0.0833)4.5 = 0.3239

Sum up the value of all statements and calculate the average using

Bavg =

**Bavg**= = **0.4184**

Now we will have to calculate “Bn”

The value of “Bn” calculated using falls in the range [−1, 1]. We further normalize this value using min-max normalization to map it to the range [0, 1] upon applying min-max normalization to “Bn” we get the normalized fuzzy bias value

Bn =

**0.7092**

**Very positive**