**World Happiness Report Data Dictionary**

**Regional\_Indicator**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Datatype | Size | Nullable | Description | Example | Keytype | Default |
| Regional\_ID | INT | 10 | NOT NULL | Unique identifier assigned to each record in the Regional\_Indicator table. | 1 | PK |  |
| Regional\_Indicator | VARCHAR | 50 | NOT NULL | Refers to the region the country belongs to | North America |  |  |

**Country\_Year**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Datatype | Size | Nullable | Description | Example | Keytype | Default |
| Country\_Year\_ID | INT | 10 | NOT NULL | Unique identifier assigned to each record in the Country\_Year table. | 1 | PK |  |
| Country\_Name | VARCHAR | 32 | NOT NULL | Name of the country | Canada |  |  |
| Year | INT | 10 | NOT NULL | Year of the report | 2020 |  |  |
| Regional\_ID | INT | 10 | NULL | This is the Foreign Key that references the Regional\_ID in the Regional Indicator table | 1 | FK | NULL |

**Dystopia**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Datatype | Size | Nullable | Description | Example | Keytype | Default |
| Dystopia\_Code | INT | 10 | NOT NULL | Unique identifier assigned to each record in the Dystopia table. | 1 | PK |  |
| Dystopia\_log\_residual | FLOAT | 10 | NOT NULL | The extent to which Dystopia contributes to the calculation of the Happiness Score | 2.762835026 |  |  |
| Country\_Year\_ID | INT | 10 | NOT NULL | This is the Foreign Key that references the Country\_Year\_ID in the Country\_Year table | 1 | FK |  |

**Freedom\_of\_Choice**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Datatype | Size | Nullable | Description | Example | Keytype | Default |
| FoC\_Code | INT | 10 | NOT NULL | Unique identifier assigned to each record in the Freedom\_of\_Choice table. | 1 | PK |  |
| Freedom\_log\_value | FLOAT | 10 | NOT NULL | The extent to which Freedom contributes to the calculation of the Happiness Score | 0.66231674 |  |  |
| Freedom\_value | FLOAT | 10 | NULL | Real world value for freedom | 0.951444268 |  | NULL |
| Country\_Year\_ID | INT | 10 | NOT NULL | This is the Foreign Key that references the Country\_Year\_ID in the Country\_Year table | 1 | FK |  |

**GDP**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Datatype | Size | Nullable | Description | Example | Keytype | Default |
| GDP\_code | INT | 10 | NOT NULL | Unique identifier assigned to each record in the GDP table. | 1 | PK |  |
| GDP\_log\_value | FLOAT | 10 | NOT NULL | The extent to which GDP contributes to the calculation of the Happiness Score. | 1.285189509 |  |  |
| GDP\_Value | FLOAT | 10 | NULL | Real world value for GDP | 11.08780384 |  | NULL |
| Country\_Year\_ID | INT | 10 | NOT NULL | This is the Foreign Key that references the Country\_Year\_ID in the Country\_Year table | 1 | FK |  |

**Generosity**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Datatype | Size | Nullable | Description | Example | Keytype | Default |
| Generosity\_Code | INT | 10 | NOT NULL | Unique identifier assigned to each record in the Generosity table. | 1 | PK |  |
| Generosity\_log\_value | FLOAT | 10 | NOT NULL | The extent to which Generosity contributes to the calculation of the Happiness Score. | 0.336317569 |  |  |
| Generosity\_Score | FLOAT | 10 | NULL | Real world value of Generosity | 0.105911039 |  | NULL |
| Country\_Year\_ID | INT | 10 | NOT NULL | This is the Foreign Key that references the Country\_Year\_ID in the Country\_Year table | 1 | FK |  |

**Healthy\_Life\_Expectancy**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Datatype | Size | Nullable | Description | Example | Keytype | Default |
| HLE\_code | INT | 10 | NOT NULL | Unique identifier assigned to each record in the Healthy\_Life\_Expectancy table. | 1 | PK |  |
| HLE\_log\_value | FLOAT | 6 | NOT NULL | The extent to which Healthy Life Expectancy contributes to the calculation of the Happiness Score. | 0.961271405 |  |  |
| Healthy\_Life\_Expectancy | FLOAT | 10 | NULL | Real world value of Healthy Life Expectancy | 72.30091858 |  | NULL |
| Country\_Year\_ID | INT |  | NOT NULL | This is the Foreign Key that references the Country\_Year\_ID in the Country\_Year table | 1 | FK |  |

**Perception\_of\_Corruption**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Datatype | Size | Nullable | Description | Example | Keytype | Default |
| PoC\_Code | INT | 10 | NOT NULL | Unique identifier assigned to each record in the Perception\_of\_Corruption table. | 1 | PK |  |
| Corruption\_log\_value | FLOAT | 10 | NOT NULL | The extent to which Perception of Corruption contributes to the calculation of the Happiness Score. | 0.144540772 |  |  |
| Corruption\_Score | FLOAT | 10 | NULL | Real world value of Corruption score | 0.711709738 |  | NULL |
| Country\_Year\_ID | INT | 10 | NOT NULL | This is the Foreign Key that references the Country\_Year\_ID in the Country\_Year table | 1 | FK |  |

**Social Support**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name | Datatype | Size | Nullable | Description | Example | Keytype | Default |
| SS\_code | INT | 10 | NOT NULL | Unique identifier assigned to each record in the Social Support table. | 1 | PK |  |
| SS\_log\_value | FLOAT | 10 | NOT NULL | The extent to which Social Support contributes to the calculation of the Happiness Score. | 1.547567487 |  |  |
| Social\_Score | FLOAT | 10 | NULL | Real world value of Social Score | 0.942846596 |  | NULL |
| Country\_Year\_ID | INT |  | NOT NULL | This is the Foreign Key that references the Country\_Year\_ID in the Country\_Year table | 1 | FK |  |