**ISQS 6350 - Group Project**

**Group 3**

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Project Update 1

Data Source:

*Bureau of Statistics, Guyana*

<https://statisticsguyana.gov.gy/>

Guyana is the poorest and least developed country in South America. With GDP expected to increase 1000% in the 10 next years, it would be interesting to see what demographic and industry correlations currently exist for information that could show investment opportunities.

<https://www.bbc.com/news/world-latin-america-48185246>

Attached are two datasets. The (Count) version contain is the version received and contains the count for each column mapped below. This data has been normalized in to the (Percentage) dataset by calculating the percentage of each variable by region. If approved, we will likely use the (Percentage) version.

Data Mapping

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Col | .. | Var Group | Name | Type |  | Col | .. | Var Group | Name | Type |
| 1 | A | Region | Region | Numeric |  | 32 | AF | Religion | Anglican | Numeric |
| 2 | B | Village | Village No (omitted) | Numeric |  | 33 | AG | Methodist | Numeric |
| 3 | C | Village Name (omitted) | String |  | 34 | AH | Pentecostal | Numeric |
| 4 | D | Gender | Male | Numeric |  | 35 | AI | Catholic | Numeric |
| 5 | E | Female | Numeric |  | 36 | AJ | Witness | Numeric |
| 6 | F | Ethnicity | Black | Numeric |  | 37 | AK | Adventist | Numeric |
| 7 | G | Amerindian | Numeric |  | 38 | AL | Bahai | Numeric |
| 8 | H | East Indian | Numeric |  | 39 | AM | Muslim | Numeric |
| 9 | I | Chinese | Numeric |  | 40 | AN | Hindu | Numeric |
| 10 | J | Mixed | Numeric |  | 41 | AO | Rastafarian | Numeric |
| 11 | K | Portugese\* | Numeric |  | 42 | AP | Christians\* | Numeric |
| 12 | L | White | Numeric |  | 43 | AQ | No Religion | Numeric |
| 13 | M | Other Ethnicity | Numeric |  | 44 | AR | Other Religion | Numeric |
| 14 | N | Age | 0 – 4 | Numeric |  | 45 | AS | Industry | Agriculture | Numeric |
| 15 | O | 5 – 9 | Numeric |  | 46 | AT | Mining | Numeric |
| 16 | P | 10 – 14 | Numeric |  | 47 | AU | Manufacturing | Numeric |
| 17 | Q | 15-19 | Numeric |  | 48 | AV | Power | Numeric |
| 18 | R | 20-24 | Numeric |  | 49 | AW | Sewer | Numeric |
| 19 | S | 25-29 | Numeric |  | 50 | AX | Construction | Numeric |
| 20 | T | 30-34 | Numeric |  | 51 | AY | Vehicles1 | Numeric |
| 21 | U | 35-39 | Numeric |  | 52 | AZ | Transportation2 | Numeric |
| 22 | V | 40-44 | Numeric |  | 53 | BA | Hotels | Numeric |
| 23 | W | 45-49 | Numeric |  | 54 | BB | IT | Numeric |
| 24 | X | 50-54 | Numeric |  | 55 | BC | Finance | Numeric |
| 25 | Y | 55-59 | Numeric |  | 56 | BD | Real Estate | Numeric |
| 26 | Z | 60-64 | Numeric |  | 57 | BE | Professional | Numeric |
| 27 | AA | 65-69 | Numeric |  | 58 | BF | Administration | Numeric |
| 28 | AB | 70-74 | Numeric |  | 59 | BG | Public Sector | Numeric |
| 39 | AC | 75-79 | Numeric |  | 60 | BH | Education | Numeric |
| 30 | AD | 80-84 | Numeric |  | 61 | BI | Health | Numeric |
| 31 | AE | 85+ | Numeric |  | 62 | BJ | Entertainment | Numeric |
| \*Other Christians | | | | |  | 63 | BK | Memberships | Numeric |
| \*\*Misspelling in dataset provided by govt | | | | |  | 64 | BL | Other Goods | Numeric |
| 1 Vehicle Sales & Mechanics | | | | |  | 65 | BM | Overseas | Numeric |
| 2 Drivers & Pilots | | | | |  |  |  |  |  |  |