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| **Name** | T.M.T.G.S.B. Thennakoon |
| **Index** | 209385G |
| **Module** | CS5651 - Statistical Inference |
| **Assignment** | Data Collection - Banking Mobile Application Usage Analysis |
| **Code Repository** | https://github.com/sampathsl/UOM\_2020\_CS5651\_Statistical\_Inference.git |

**Data Description**

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| --- | --- |
| **Dataset Name** | Mobile Application Usage for Banking Analysis |
| **Data Size** | 33KB |
| **Num. Attributes** | 30 |
| **Num. Records** | 103 |
| **Data Source** | https://forms.gle/BvQmbvMQS1vMb2C96 |
| **Data Privacy** | Public Availability |
| **Prepared By** | Sampath Thennakoon |
| **Point of Contact** | Sampath.20@cse.mrt.ac.lk |
| **Public Data Repository** | https://github.com/sampathsl/UOM\_2020\_CS5651\_Statistical\_Inference/blob/master/Banking\_Mobile\_Application\_Usage\_Analysis\_ETL\_Data.csv |

**Data Attribute Description**

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| **Attribute Name** | **Data Type** | **Description** | **Example** |
| ID | Number | Record Id | 1 |
| TIMESTAMP | Date Time | Record creation date | 2020/11/03 2:20:19 AM GMT+5:30 |
| DISTRICT | String | Living district | KANDY |
| AGE\_RANGE | String | Age range | 30 -39 |
| MARITAL\_STATUS | String | Marital status | SINGLE |
| EDUCATION\_LEVEL | String | Education level | DEGREE |
| OCCUPATION\_SECTOR | String | Occupation sector | PRIVATE |
| MONTHLY\_INCOME | String | Monthly income | 0 - 20000 |
| MOBILE\_APP\_BANK\_TYPES | String | Bank types for mobile app | PRIVATE |
| ACCOUNT\_TYPES | String | Account types registered | SAVINGS |
| REGISTERED\_BANKS | String | Registered banks | NDB |
| MOBILE\_TYPE | String | Type of the mobile in use | ANDROID |
| MOBILE\_BANK\_APP\_USAGE\_START\_FROM | String |  | FRIENDS |
| MOBILE\_BANK\_APP\_USAGE\_PER\_MONTH | String |  | 5 - 7 |
| MOBILE\_BANK\_APP\_USAGE\_PERIOD\_IN\_YEARS | String |  | 1 - 2 |
| ATM\_MACHINE\_USAGE\_PER\_MONTH | String |  | 1 - 5 |
| INTERNET\_BANKING\_USAGE\_PER\_MONTH | String |  | 1 - 5 |
| MOBILE\_APP\_USAGE\_PER\_MONTH | String |  | 1 - 5 |
| CREDIT\_CARD\_USAGE\_PER\_MONTH | String |  | 0 |
| MOST\_IMPORTANT\_REASON\_FOR\_MOBILE\_BANK\_APP\_USAGE | String |  | EASY USE |
| SELF\_PREFERENCE\_FOR\_MOBILE\_BANKING\_5 \_1 | Number |  | 5 |
| SELF\_PREFERENCE\_FOR\_MOBILE\_BANKING\_SAFTY\_5\_1 | Number |  | 5 |
| SELF\_PREFERENCE\_FOR\_SAVING\_TIME\_WITH\_MOBILE\_BANKING\_5\_1 | Number |  | 5 |
| SELF\_PREFERENCE\_FOR\_MOBILE\_APP\_INVOLVED\_EASY\_BANKING\_OPERATIONS\_5\_1 | Number |  | 5 |
| SELEF\_PREFERENCE\_FOR\_MOBILE\_APP\_INTERFACE\_5\_1 | Number |  | 5 |
| SELEF\_PREFERENCE\_FOR\_MOBILE\_APP\_NETWORK\_CONNECTION\_SAFTY\_5\_1 | Number |  | 5 |
| SELEF\_PREFERENCE\_FOR\_MOBILE\_APP\_COST\_EFFECTIVENESS\_5\_1 | Number |  | 5 |
| MOBILE\_APP\_USAGE\_FINAL\_SELF\_RATING\_5\_1 | Number |  | 5 |
| RECOMMENDATION\_MOBILE\_BANK\_APPS\_FOR\_OTHERS | String |  | YES |
| SELF\_PREFERENCE\_FEATURES\_FOR\_MOBILE\_BANK\_APP | String |  | SIMPLICITY;SECURITY |