**Data Collection and Preprocessing Phase**

|  |  |
| --- | --- |
| Date | 12 June,2025 |
| Team ID | SWTID1749710222 |
| Project Title | Unlocking Silent Signals: Decoding Body Language with Mediapipe |
| Maximum Marks | 6 Marks |

**Data Exploration and Preprocessing Template**

Identifies data sources, assesses quality issues like missing values and duplicates, and implements resolution plans to ensure accurate and reliable analysis.

|  |  |
| --- | --- |
| **Section** | **Description** |
| Data Overview | C:\Users\DELL\AppData\Local\Packages\5319275A.WhatsAppDesktop_cv1g1gvanyjgm\TempState\20B489F9A75E4574D4BC69946AEA986F\WhatsApp Image 2025-06-16 at 13.17.43_419f2c15.jpg |
| Univariate Analysis |  |
| Bivariate Analysis | C:\Users\DELL\AppData\Local\Packages\5319275A.WhatsAppDesktop_cv1g1gvanyjgm\TempState\E22A644BFC893781BF9BD9BAC31EE13D\WhatsApp Image 2025-06-16 at 13.17.44_d977fa82.jpgC:\Users\DELL\AppData\Local\Packages\5319275A.WhatsAppDesktop_cv1g1gvanyjgm\TempState\B7D944793CFD1C1F1B156D5D4ED191FE\WhatsApp Image 2025-06-16 at 13.17.44_8fa33adc.jpg |
| Multivariate Analysis | Patterns and relationships involving multiple variables. |
| Outliers and Anomalies | Identification and treatment of outliers. |
| **Data Preprocessing Code Screenshots** | |
| Loading Data | Code to load the dataset into the preferred environment (e.g., Python, R). |
| Handling Missing Data | Code for identifying and handling missing values. |
| Data Transformation | Code for transforming variables (scaling, normalization). |
| Feature Engineering | Code for creating new features or modifying existing ones. |
| Save Processed Data | Code to save the cleaned and processed data for future use. |