



Data Collection and Preprocessing Phase

| Date | 15 JULY 2024 |
|---------------|--|
| Team ID | 740075 |
| Project Title | Detection Of Autistic Spectrum Disorder: Classification |
| Maximum Marks | 6 Marks |

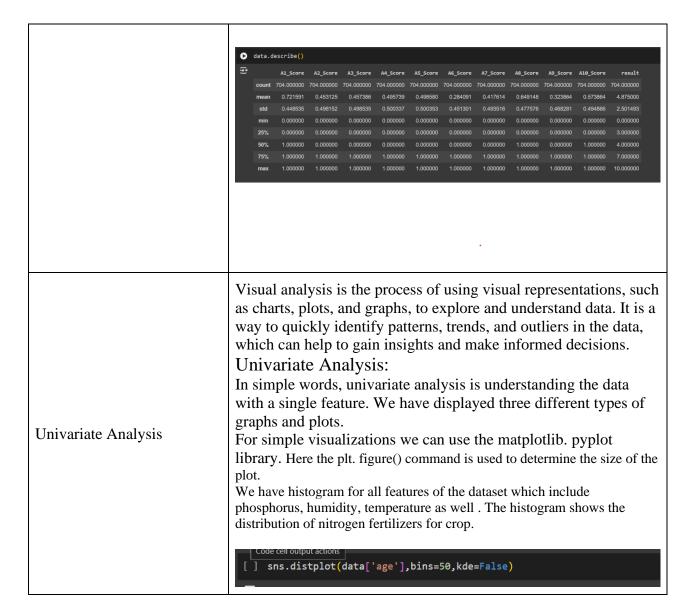
Data Exploration and Preprocessing Template

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 | #Structure of the data: Structure of the data: |

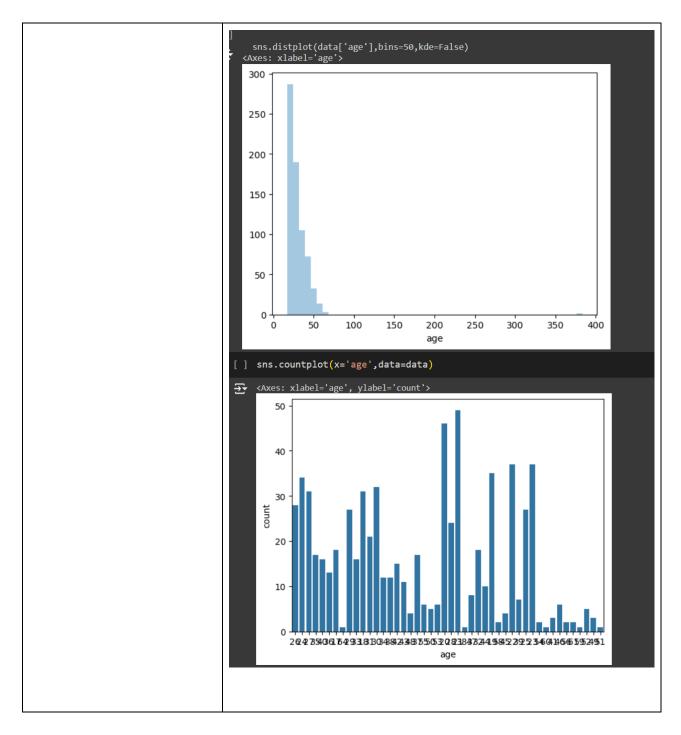
















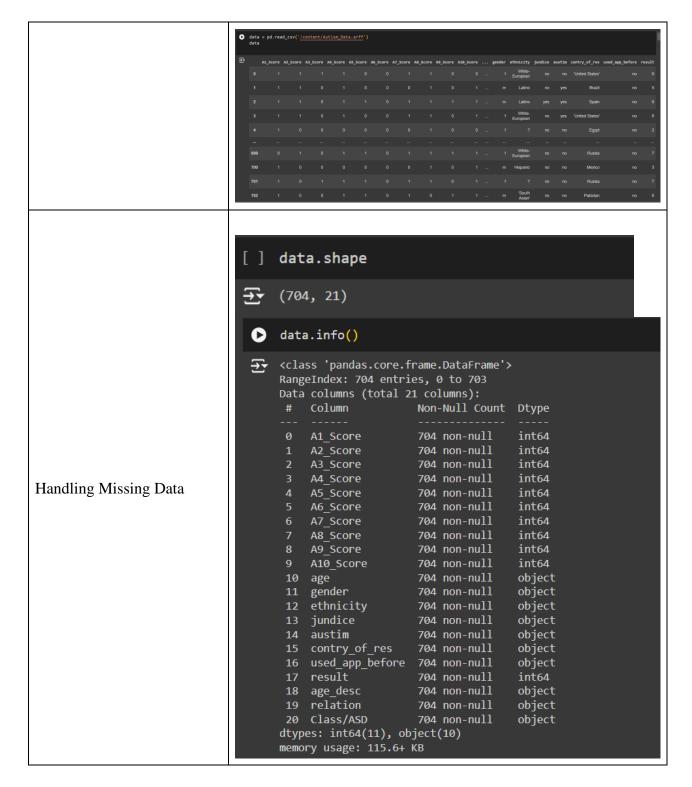




| | The state of the | | | | | | |
|-------------------------------------|--|--|--|--|--|--|--|
| Outliers and Anomalies | There is no Outliers in our project. | | | | | | |
| | | | | | | | |
| Outliers and Anomalies | There is no Outliers in our project. | | | | | | |
| Data Preprocessing Code Screenshots | | | | | | | |
| Loading Data | #Loading the data | | | | | | |











| For checking the null values . isnull() function is used. To sum those null values we use. sum() function. From the below image we found that there are no null values present in our dataset. So we can skip handling the missing values step. | • da | Al_Score | A2_score A3_ False False False False False False False False False | | core A5_score False | A6_Score in False | A7_Score Al False | False | False | False | gender et False | hnicity ju False | False False False False False False False | False False False False False False False False | "_res used_app_" False False False False False False False False | False | False |
|---|----------------------|-----------------------|---|-------------|---|---|---|---|---|---|---|--|---|---|--|---|---|
| | Fo su be in | r che m the low | ecki nose ima | nul ge v | l valu ve fo | ies unc | we d th | use at t | e. su here | m() e ar | fun e no | ctic o nu | on. ull v | Fron value | n the s pre | ser | |
| | | | | | | | | | | | | | | | | | |