**Predicting Stroke Problem Statement**

Predict whether a Patient will have stroke or not based on some given attributes.

**Dataset Description**

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| --- | --- |
| Variable | Definition |
| id | Patient ID |
| gender | Gender of Patient |
| age | Age of Patient |
| hypertension-0 - no hypertension, 1 | Patient suffering from hypertension |
| heart\_disease-0 - no heart disease, 1 | Patient suffering from heart disease |
| ever\_married | Yes/No |
| work\_type | Type of Occupation |
| Residence\_type | Area type of residence (Urban/ Rural) |
| avg\_glucose\_level | Average Glucose level (measured after meal) |
| bmi | Body mass index |
| smoking\_status | patient’s smoking status |
| stroke-0 - no stroke, 1 | suffered stroke |

**Evaluation Metric**

The Evaluation metric is AUC-ROC Score