



BRAINATHON-25



Guidelines for Evaluation

- The presentation will be assessed in two key areas — **Analytical Skills** and **Presentation Skills** — so ensure code is well-written and presentation delivery is polished.
- The analytical skills are evaluated beyond ML/DL accuracy metrics, encompassing **overall problem-solving approach and data science methodology**.
- The analysis may include key aspects such as **Exploratory Data Analysis, (EDA), including Signal Processing & Filtering and Visualizations & Insights**. Effective signal processing should apply appropriate filtering techniques with clear justification, while insightful visualizations should highlight meaningful patterns and trends.

In **Machine Learning**, focus on **Feature Engineering, Model Training & Evaluation**, and explore **Improvements** through optimization and innovative approaches.

- The presentation will be assessed based on **clarity and structure**, ensuring it is well-organized and easy to follow, along with **code quality**, which should demonstrate clean, modular, and well-documented code. **Key insights** will be evaluated on how clearly you communicate your findings and their impact.

For **innovation**, work will be judged on **originality**, focusing on the creativity and uniqueness of your approach, and **technical skills**, reflecting the quality and execution of your analysis and machine learning techniques.

- The evaluation criteria will be reviewed by an expert committee and rated on a scale of **poor, average, and excellent** for each point.

Team Brainathon-25 @CDAC Delhi