

Participant Checklist and Raffle Criteria

- ☐ Completed daily EDA tasks appropriate to your track in a Kaggle notebook or other you can upload.
- ☐ Post a notebook on your Kaggle profile
- ☐ Post your work on the Slack channel.
- ☐ *Provided kind and constructive feedback on other's challenges (bonus entry).

Track-Specific EDA Tasks

BEGINNER:

Day 1- Dataset Overview

- ☐ Explore the dataset's basic structure (columns, rows, types).

Day 2 - Dataset Overview

- ☐ Identify missing values and basic data characteristics.

Day 3 - Basic Visualization

- ☐ Create simple charts (bar, line) to understand data distribution.

Day 4 - Basic Visualization

- ☐ Identify basic patterns or trends in the data.

Day 5 - Descriptive Statistics

- ☐ Calculate basic statistics (mean, median, mode, and more)

Day 6 - Descriptive Statistics

- ☐ Discuss findings and any surprising elements in the data.

Day 7 - Summary Preparation

- ☐ Prepare a short presentable summary or report of findings in your notebook to

INTERMEDIATE:

Day 1 - Data Cleaning and Transformation

- ☐ Handle missing values and perform initial data transformations.

Day 2- Data Cleaning and Transformation

- ☐ Explore data normalization and scaling.

Day 3 - Advanced Visualization

- ☐ Implement more complex charts (scatter plots, heatmaps).

Day 4 - Advanced Visualization

- ☐ Explore relationships between multiple variables.

Day 5 - Correlation Analysis

- ☐ Conduct a correlation analysis.

Day 6 - Correlation Analysis

- ☐ Discuss implications of correlations found in the data.

Day 7 - Detailed Report Preparation

- ☐ Compile a detailed, presentable report with insights and visualizations.

ADVANCED:

Day 1 - Predictive Insights from EDA

- ☐ Identify potential predictive variables.

Day 2 - Predictive Insights from EDA

- ☐ Discuss how these variables could be used in a predictive model.

Day 3 - Complex Data Patterns

- ☐ Explore complex relationships in the data.

Day 4 - Complex Data Patterns

- ☐ Use advanced visualization techniques to reveal deeper insights.

Day 5 - Hypothesis Formulation and Testing

- ☐ Formulate and test a hypothesis based on the data patterns observed.

Day 6 - Hypothesis Formulation and Testing

- ☐ Discuss the results and potential implications.

Day 7: Comprehensive Presentation

- ☐ Prepare a comprehensive presentation of the EDA, highlighting key insights and hypotheses.