# Deliverables

## Deliverables for Project on Employee Retention Analysis

### 1. One-Page Project Summary:

- A concise summary of the project objectives, methodology, key findings, and recommendations.

- Targeted towards external stakeholders to provide an overview of the project's significance and outcomes.

### 2. Complete Code Notebook:

- A Jupyter Notebook containing the entire code implementation of the project, including data preprocessing, model training, evaluation, and visualization.

- Utilizes either a regression model or a machine learning model to predict employee retention.

- Includes model evaluation metrics and interpretation (if applicable).

### 3. Model Evaluation and Interpretation:

- Detailed evaluation of the selected model's performance, including accuracy, precision, recall, F1-score, and any other relevant metrics.

- Interpretation of the model results to provide insights into factors influencing employee retention.

### 4. Data Visualization(s):

- A data visualization(s) directly related to the project question of predicting employee retention.

- Examples may include histograms, scatter plots, or heatmaps illustrating relationships between variables.

### 5. Ethical Considerations:

- Discussion of ethical considerations involved in the project, such as privacy concerns regarding employee data and potential biases in the predictive model.

- Strategies employed to mitigate ethical concerns and ensure fair and responsible use of data.

### 6. Resources Used:

- Documentation of the resources, libraries, and tools utilized during the project implementation.

- Includes references to online tutorials, documentation, or forums used for troubleshooting and finding solutions.

By providing these deliverables, the project aims to demonstrate the data professional's ability to analyze complex datasets, build predictive models, and derive actionable insights to support decision-making processes within the HR department of Salifort Motors.