**Project Title: Analysis of Trends in Employee Presence, Leave, and Work from Home Percentage**

Project Summary: The "Analysis of Trends in Employee Presence, Leave, and Work from Home Percentage" project aims to examine historical data related to employee attendance and work arrangements within an organization. This data analysis project will focus on identifying and understanding trends, patterns, and insights in the percentage of employees being present at the workplace, on leave, or working from home over a specified time period.

**Project Objectives:**

* Data Cleaning and Preprocessing: Clean and preprocess the data to handle missing values, outliers, and any inconsistencies, ensuring data quality.
* Exploratory Data Analysis (EDA): Perform EDA to gain an initial understanding of the data, identifying summary statistics, visualizing trends, and exploring correlations between variables.
* Trend Identification: Identify and analyze trends and patterns related to employee presence, leave, and work from home percentages over time.
* Business Insights: Translate the data analysis results into actionable insights that can help the organization make informed decisions regarding employee management, resource allocation, and policy adjustments.
* Visualization and Reporting: Create visualizations and reports to effectively communicate findings to stakeholders and decision-makers.
* Recommendations: Provide recommendations for optimizing employee presence and work arrangements, potentially improving efficiency, employee satisfaction, and overall business performance.

**Deliverables:**

* Cleaned and preprocessed dataset.
* EDA reports and visualizations.
* Trend analysis and anomaly detection results.
* Recommendations and insights report.
* Visualizations and presentations for stakeholders.

By analyzing trends in employee presence, leave, and work from home percentages, this project can contribute to data-driven decision-making, which may lead to more efficient resource allocation, improved employee satisfaction, and enhanced organizational productivity.