DATA ANALYSIS (TASK 3)

Project Title: Predictive Modeling

Task Description:

Using a dataset, build a predictive model to solve a specific business problem.
- Responsibilities
  - Split data into training and testing sets.
  - Train and evaluate the model's performance using metrics like accuracy, precision, recall, or RMSE.
  - Fine-tune the model for better results.
  - Apply statistical methods to draw conclusions and make predictions from data.
  - Conduct hypothesis testing, analysis of variance (ANOVA), regression analysis, etc.
  - Use tools like Python (with libraries like SciPy, and StatsModels) or R for advanced statistical analysis.

Skills:
- Model selection
- Data splitting
- Model evaluation
- Programming skills (Python or R).