Automatidata project proposal

Project Overview: NYC Taxi Fare Prediction

The New York City Taxi and Limousine Commission aims to leverage data collected from the NYC area to predict taxi fare amounts.

Project Milestones and Deliverables

Milestone	Task	Deliverable/Report	Stakeholder
1. Planning Stage	Establish structure for project workflow	Global-level project document	Deshawn Washington - Data Analysis Manager
1a.	Write a project proposal		Uli King - Senior Project Manager
2. Analyzing Stage	Compile summary information about the data	Data files ready for EDA	Luana Rodriquez - Senior Data Analyst
2a.	Begin exploring the data		Deshawn Washington - Data Analysis Manager
3. Plan and Analyze Stage	Conduct Exploratory Data Analysis (EDA)	EDA report, Tableau dashboard/visualizations	Luana Rodriquez - Senior Data Analyst
3a.	Build visualizations	Tableau dashboard/ visualizations	Uli King - Senior Project Manager
4. Compute Descriptive Statistics	Analyze and share test results between two important variables	Analysis of test results	Deshawn Washington - Data Analysis Manager
5. Build a Regression Model	Develop and analyze regression model	Testing results, model evaluation	Luana Rodriquez - Senior Data Analyst
5a.	Evaluate model performance	Final model evaluation	Udo Bankole - Director of Data Analysis
6. Communicate Insights	Present final insights to stakeholders	Final report	

Course 1: Foundations of Data Science

Timeline Estimates:

- **Milestone 1**: 1-2 days
- **Milestone 2**: 2-3 weeks
- **Milestone 3**: 1 week
- **Milestone 4**: 1 week
- **Milestone 5**: 1-2 weeks