Automatidata Project

Overviews: The New York City Taxi and Limousine Commission seeks a way to utilize the data collected from the New York City area to predict the fare amount for taxi cab rides.

Milesstones	Tasks	Deliverable/Reports	Relevant Stakeholder	Start	End	Notes
Stage 1: Project Proposal	1.1 discuss and understand customer needs			2023-11-09	2023-11-11	
	1.2 Establish structure for project workflow (PACE)	Project Proposal		2023-11-14	2023-11-23	
	1.3 Write a project proposal			2023-11-24	2023-11-27	
Stage2: Understand The Data	2.1 Compile summary information about the data	Data files ready for EDA		2023-11-25	2023-11-28	
	2.2 Begin exploring the data			2023-11-28	2023-12-03	
Stage3: EDA	3.1 Data exploration and cleaning	EDA report		2023-12-08	2023-12-10	
	3.2 Visualization building	Tableau dashboard		2023-12-11	2023-12-16	
Stage 4: Statistical Tests	4.1 compute descriptive statistics	Analysis of testing results between two important variables		2023-12-12	2023-12-17	
	4.2 conduct hypothesis testing	Share results of testing		2023-12-13	2023-12-16	
Stage 5: Regression Modeling	5.1 Build a regression model			2023-12-17	2023-12-24	
	5.2 Evaluate the model			2023-12-18	2023-12-23	
Stage 6 : commuicate final insights	commuication final insights with stakholders	Final Reprot		2023-12-23	2023-12-30	
	Presentation	Result Presentation		2023-12-30	2024-01-06	

Projiect Timeline

2023-12-30	**Presentation**
2023-12-23	commuication final insights with stakholders
2023-12-18	5.2 Evaluate the model

Milesstones	Tasks	Deliverable/Reports	Relevant Stakeholder	Start	End	Notes
2023-12-17	5.1 Build a regression model					
2023-12-13	4.2 conduct hypothesis testing					
2023-12-12	4.1 compute descriptive statistics					
2023-12-11	3.2 Visualization building					
2023-12-08	3.1 Data exploration and cleaning					
2023-11-28	2.2 Begin exploring the data					
2023-11-25	2.1 Compile summary information about the data					
2023-11-24	1.3 Write a project proposal					
2023-11-14	1.2 Establish structure for project workflow (PACE)					
2023-11-09	1.1 discuss and understand customer needs					

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