Develop ML model for automate checking claim if approved or denied

Overview:

Require a brief project plan outlining the workflow for our team to establish a streamlined approach for this task.

Milestone	Tasks	Deliverables/Reports	Relevant Stakeholder (Optional Activity)
1 **Plan**	**Establish structure for project workflow (PACE)**	• **Global-level project document**	**Rosie Mae Bradshaw**
1a **Plan**	**Write a project proposal**		**Mary Joanna Rodgers- Project Management**
2 **Analyze**	**Compile summary information about the data**	• **Data files ready for EDA**	**Orion Rainier- Data Scientist**
2a **Analyze**	**Begin exploring the data**		**Orion Rainier- Data Scientist**
3 **Plan and Analyze**	**Data exploration and cleaning**	• **EDA report**	**Orion Rainier-Data Scientist**
3a **Analyze and Construct**	**Visualization building**	**Tableau dashboard/visualizations**	**Mary Joanna Rodgers- Project Management Officer**
4 **Analyze**	**Compute descriptive statistics**	**Analysis of testing results between two important variables**	**Orion Rainier- Data Scientist**

4a **Analyze and Construct**	**Conduct hypothesis testing**		**Willow Jaffey- Data Science Lead**
5 **Analyze and Construct**	**Build a regression model**		**Willow Jaffey- Data Science Lead**
5a **Execute**	**Build a machine learning model**	**Determine the success of the model**	**Willow Jaffey- Data Science Lead**
6 **Execute**	**Evaluate the model**	**Final model**	**Willow Jaffey- Data Science Lead**
6a	**Communicate final insights with stakeholders Execute**	**Report to all stakeholders**	**Willow Jaffey- Data Science Lead**

Summary for plan:

This project plan outlines a structured approach to automating claim approval/denial prediction, encompassing data analysis, modeling, and communication phases. Continuous collaboration and iteration are key to delivering a robust and effective solution.