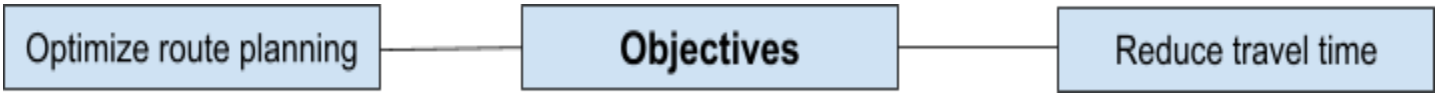
Application in Real Life Scenario Case Study

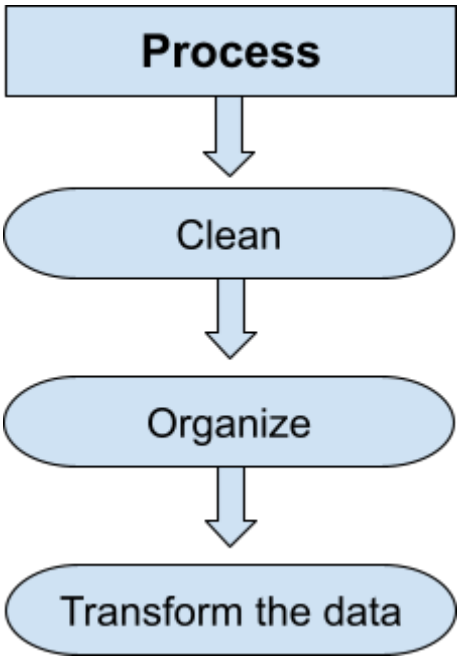
Description:
The scenario focuses on the use of data analytics in the transportation to optimize route planning and reduce travel time for passengers to travel across different places.



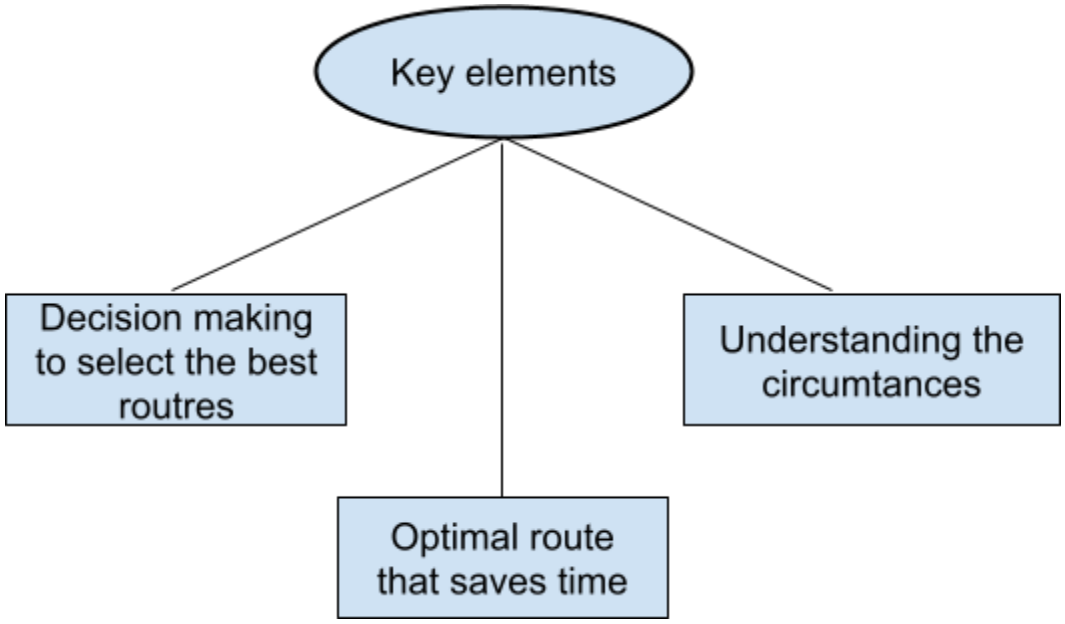
Planning:
It is the basic step of gathering the requirements in data analytics. It defines the goal of the objective to reduce the time taken by the passenger in the transportation industry

Prepare:
In this step, we gather relevant data from various sources, such as GPS tracking, traffic patterns, and public transportation schedules.

Process:
Process transform the data into a usable format. Which includes the execution and implementation of the routes and accessible roads that reduces the travel time



Key Elements:



Analysis:
We have to choose that route which requires less time to reach the destination . It may depends on the Traffic , the time it requires to reach the destination , optimal travel times and based on some other circumstances.

Share:
To identify the best routes which takes the optimal time than the required time to reach the destination

Act:
Implement the suggested improvements, like adjusting routes and schedules based on insights.
You finally choose that route after the analysis which required less time to reach the different places.