

**Project Development Phase**  
**Model Performance Test**

Date	12 November 2023
Team ID	PNT2023TMID591251
Project Name	Project - Vande Bharat Express: Pioneering India's High-Speed Rail Journey
Maximum Marks	10 Marks

**Model Performance Testing:**

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	1. Comparison of Trains and Their Average Speeds 2. Originating City Analysis: Count of Frequency by Operator 3. Travel Analysis: Train name, Distance, Number of Cars, and Operator Details 4. Train Performance Analysis of Speed and Average Speed by Operator 5. City-to-City Analysis: Originating City, Terminal City, and Distance with no of cars 6. Operator Insights: Count of Train Names Visualized by Operator 7. Number of Trains Visualized by Inauguration Month
2.	Data Responsiveness	High
3.	Amount Data to Rendered (DB2 Metrics)	Train name and Number Average speed in Kmph Operator Originating city Terminal city Frequency of train Travel time Distance in Km No. of cars Speed in Kmph Inauguration
4.	Utilization of Data Filters	1. Comparison of Trains and Their Average Speeds (Train name, Average speed in Kmph, Operator) 2. Originating City Analysis: Count of Frequency by Operator (Originating city, Count of frequency of train, Operator) 3. Travel Analysis: Train name, Distance, Number of Cars, and Operator Details (Operator, Train name, Travel time, Distance in Km, No. of cars) 4. Train Performance Analysis of Speed and Average Speed by Operator (Train name, Operator, Average speed in Kmph, Speed in Kmph) 5. City-to-City Analysis: Originating City, Terminal City, and Distance Visualized with number of cars (Distance, Originating city, Terminal city, No. of cars) 6. Operator Insights: Count of Train Names Visualized by Operator (Count of train name, Operator) 7. Number of Trains Visualized by Inauguration Month (Month of Inauguration, Count of train name)
5.	Effective User Story	7
6.	Descriptive Reports	7