**Weekly Report 1 and Weekly Report 2**

Date:

Topic 1

Project Title

Travel Destination Recommender System

Summary of Project/Introduction (in 10–15 lines)

This topic explores the idea of building a Travel Destination Recommender System.   
It focuses on identifying the objective, scope, and feasibility of the project in terms of data availability, user experience,   
and AI applicability. Various recommendation approaches were considered including collaborative filtering, content-based filtering, and popularity-based methods.   
Initial research reviewed relevant existing systems and datasets.

References: At least two

1. https://ieeexplore.ieee.org/document/8973057

2. https://www.sciencedirect.com/science/article/pii/S1877050920303587

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Topic 2

Project Title

AI-based Travel Destination Advisor

Summary of Project/Introduction (in 10–15 lines)

This topic covered background research into AI-driven systems for travel planning.   
User interaction and interface were emphasized along with backend techniques for data analysis.   
Exploration was done on user-centric design and how different algorithms rank and suggest destinations.   
Existing platforms like TripAdvisor and Airbnb were used as benchmarking references.

References: At least two

1. https://dl.acm.org/doi/abs/10.1145/3290607.3299026

2. https://www.springer.com/gp/book/9783030453882

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Topic 3

Project Title

Tourism Recommendation using ML

Summary of Project/Introduction (in 10–15 lines)

This topic finalized the core idea and justified the technical stack using ML and Streamlit.  
Focus was on implementing a structured dataset pipeline and designing interactive visualization features.  
This topic included defining evaluation metrics and identifying target users such as tourists, students, and explorers.

References: At least two

1. https://link.springer.com/article/10.1007/s00500-020-05360-6

2. https://arxiv.org/abs/2106.10998

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Project approved:

Travel Destination Recommendation System

Submitted By-  
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Sign of Faculty Incharge