Data Collection and Preprocessing Phase

Date	07 February 2026
Team ID	LTVIP2026TMIDS65532
Project Title	Explore With Ai: Custom Itineraries For Your Next Journey
Maximum Marks	2 Marks

Data Quality Report

   The data used in this project is collected dynamically from users through a web-based interface. Since no static dataset is used, data quality is ensured by validating user inputs before sending them to the generative AI model.

Data Source	Data Quality Issue	Severity	Resolution Plan
User Input (Destination)	Empty or unclear destination input	High	Input validation is applied to ensure the destination field is not empty before processing.
User Input (Days)	Invalid or zero number of days	High	Numeric validation ensures the number of days is greater than zero.
User Input (Nights)	Illogical or negative number of nights	Moderate	Input constraints ensure nights are zero or positive values.
Prompt Input	Incomplete or vague prompt generation	Moderate	Structured prompt formatting is used to ensure meaningful AI responses.
User Interaction	Repeated or incorrect submissions	Low	Error messages guide users to correct inputs before resubmission.