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## Team C: Worldwide Travel Citie...

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### 1) Ideation (Day 1)

- ✓ Discuss and define potential project ideas on miro board

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- ✓ Define Project Proposal: define target audience and main features

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- ✓ Define and discuss Hypothesis to be explored

 5 Dec

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- ✓ Set up GitHub repository and project board

5 Dec

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### 2) ELT: Data Review (Day 1)

- ✓ Download and load data file

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- Upload data file to Jupyter Notebook/VS Code

- ✓ Initial review of data file

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- ✓ Create README.md and push to GitHub

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### 3) ELT: Data cleaning (Day 1)

- ✓ Remove duplicates, standardise formats, handle missing values

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- ✓ Check and correct data type for each column. Split data inside columns as required. .i.e. average temperature

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- ✓ Transform data as required and Encode categorical variables

Ensure data quality and consistency

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### 4) EDA (Day 1/2)

- ✓ Create initial visualisation using BI tools

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- ✓ Initial Visualisation and test of Hypothesis 1

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- ✓ Initial Visualisation and test of Hypothesis 2

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- ✓ Identify correlations between key variables

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- ✓ Identify and make a decision on any outliers



## 5) Dashboarding (Day 2/3)

- ✓ Team to review data and code to ensure quality

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- ✓ Storytelling preparation and outline. Prepare narrative for story elements

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- ✓ Begin developing advanced visualisations

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- ✓ Create interactive dashboard and charts

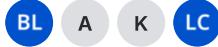


- ✓ Test visualisations and dashboards for usability



## 6) Presentation & final documentation (Day 3)

- ✓ Prepare presentation including dashboard process, outcome of the project, insights and findings found from data.



- ✓ Complete README file and finalise GitHub documentation

- ✓ Finalise dashboard

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## Hypothesis

Question 1 : Are luxury travels more common with destinations with higher temperatures? Hypothesis 1  
Higher destination temperature is higher for luxury packages than mid range and budget

Question 2: Question 2 How does personal budget level influence duration of trip?  
Hypothesis 2 Budget packages have shorter length of stay than mid range or luxury packages