**An analysis of Australian dining habits according to data from Zomato.**

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**Proposal:** This project analyses dining habits in three Australian cities (Melbourne, Sydney, and Perth). We will focus on two types of analysis: popularity and correlation. In particular the following questions will be posited;

1. Most popular restaurants and cuisines in each city
2. Most popular times to dine in each city
3. Correlation between dining out and public holidays
4. Correlation between restaurants and increased patronage during the COVID-19 pandemic

**Data Sources:**

Zomato API

<https://developers.zomato.com/documentation#!/>

Google Maps API

<https://developers.google.com/maps/documentation>

Australian Public Holidays Dates

<https://data.gov.au/data/dataset/b1bc6077-dadd-4f61-9f8c-002ab2cdff10>

**Task Breakdown:**

**-** Each team member will create their own Zomato API key and pull data

- We will clean the dataset to ensure data is viable

- Use Matplotlib to create visualizations (plots and PNG files)

- Create a write-up summarising the findings

- Prepare a 10 minute presentation that covers results