Group 2: the Data Ninjas – Project #1 Project Proposal

**Project Title**: Evaluate Cost of Living in the US

**Team Members**: Faiza Ahmad, Nicole Harris, Tsebaot Kebede, Cynethia Martinez, Libby Berter

**Project Description/Outline**:

* Determine the lowest cost/highest quality life of living cities (or states) in the US based on
  + Cost of living
    - Transportation cost
    - Food
    - Housing
  + Quality of life
    - Weather
    - Recreation
    - Air quality
    - Others (education, healthcare availability, etc)
* **Question to answer**: Determine potential job search areas upon completion of bootcamp based on cost of living data and quality of life measures
* **Datasets**
  + Kaggel data set for cost of living
    - <https://www.kaggle.com/datasets/mvieira101/global-cost-of-living?select=cost-of-living_v2.csv>
  + Other datasets TBD for quality of life metrics
    - Potential to use APIs for weather data
* **Anticipated breakdown of tasks**

Plot trends

Clean & group the data

Presentation

Analyze info

Optional

API data collection

Get the data & reduce down

1. Cost
2. Quality