Project Proposal for Group 1

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The aim of our project is to uncover patterns in hopping habits. We’ll examine relationships between online shopping volume and weather, categories of items bought and season, gender differences over the course of a year's worth of weather patterns, and other related relationships derived from the data.

We plan to use the following datasets:

<https://datasetsearch.research.google.com/search?src=3&query=amazon%20sales%20dataset&docid=L2cvMTF2MTVkcTU4aA%3D%3D>

<https://openweathermap.org/api>

**openweathermap.org**

[**Weather API - OpenWeatherMap**](https://openweathermap.org/api)

Simple and fast and free weather API from OpenWeatherMap you have access to current weather data, hourly, 5- and 16-day forecasts. Historical weather data for 40 years back for any coordinate. Weather maps, UV Index, air pollution  
and historical data

Rough breakdown of tasks: