# Project 2 Proposal

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## Description:

For this project we will be examining running and weather data. Performance will be measured by Average Heart Rate and minutes per mile. How does weather affect performance?

## Data Sources:

https://connect.garmin.com/signin/
Garmin workout data

https://openweathermap.org/api
Weather API

## Extract:

Activity data will be extracted from a downloaded CSV file and the weather information will be called using an API.

## Transform:
- The data in the Garmin CSV file will need to be cleaned so that the data is uniform.
- Using the location data and the date in the CSV, we will download the weather for that day.
- We will join the two tables using the date.
- We will be able to then compare performance in relation to weather.

## Load:

The data will be loaded into a SQL relational database.