

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://www.strava.com/account>

Strava 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 Strava 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.

