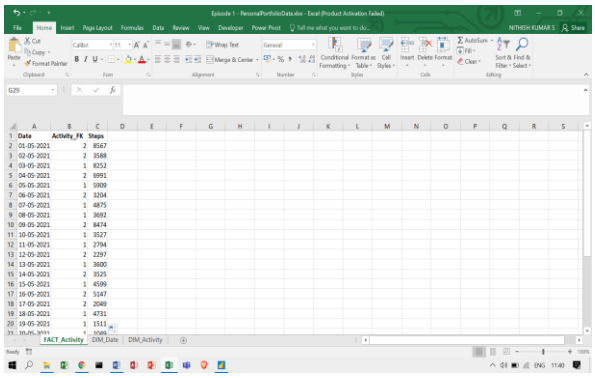
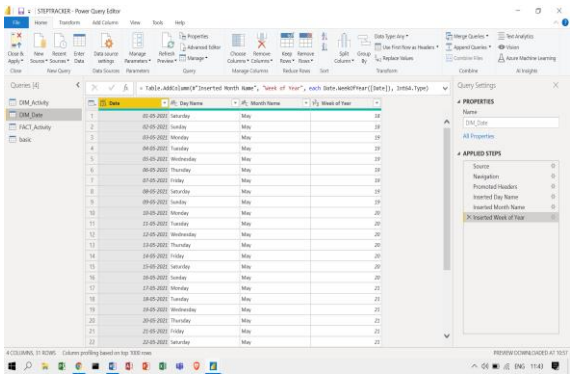
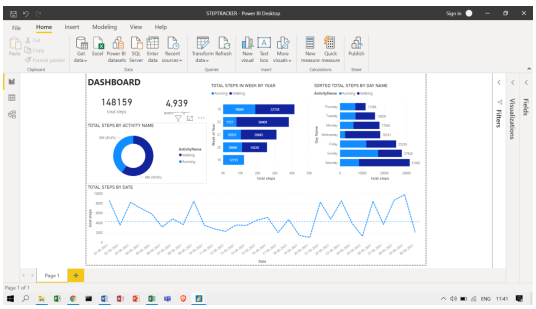
Data Analyst Portfolio Project –Daily Step Tracker Analysis

May month tracker (own data)







Business Request & User Stories

The business request for this project was created by the user himself. By deciding on a business to analyse (exercise data) the following user story was derived.

As a (role)	I want (request / demand)	So that I (user value)	Acceptance Criteria
Exercise enthusiast	I want to track my steps	To ensure I get enough activity	A Power BI dashboard which lets me get an easy and quick overview of my exercise data.

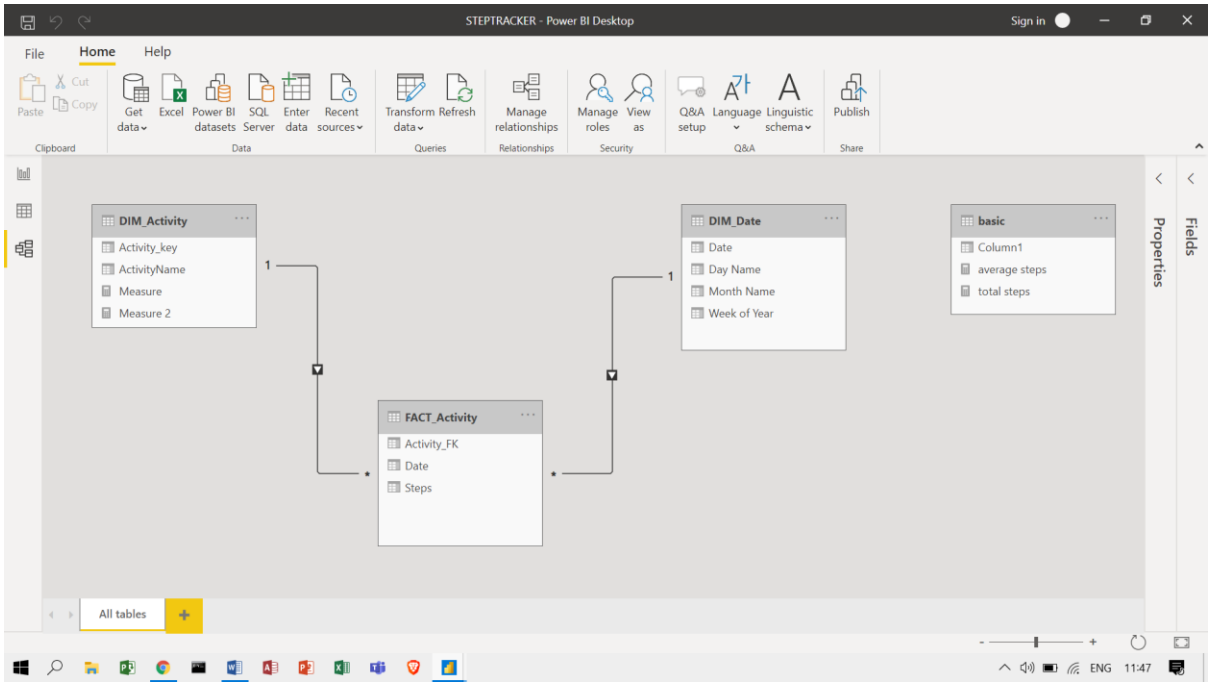
Data Collection & Table Structures

The necessary data were collected and structured in Excel files. The exercise data was organized as a fact table and date & activity were organized as dimension tables for filtering data.

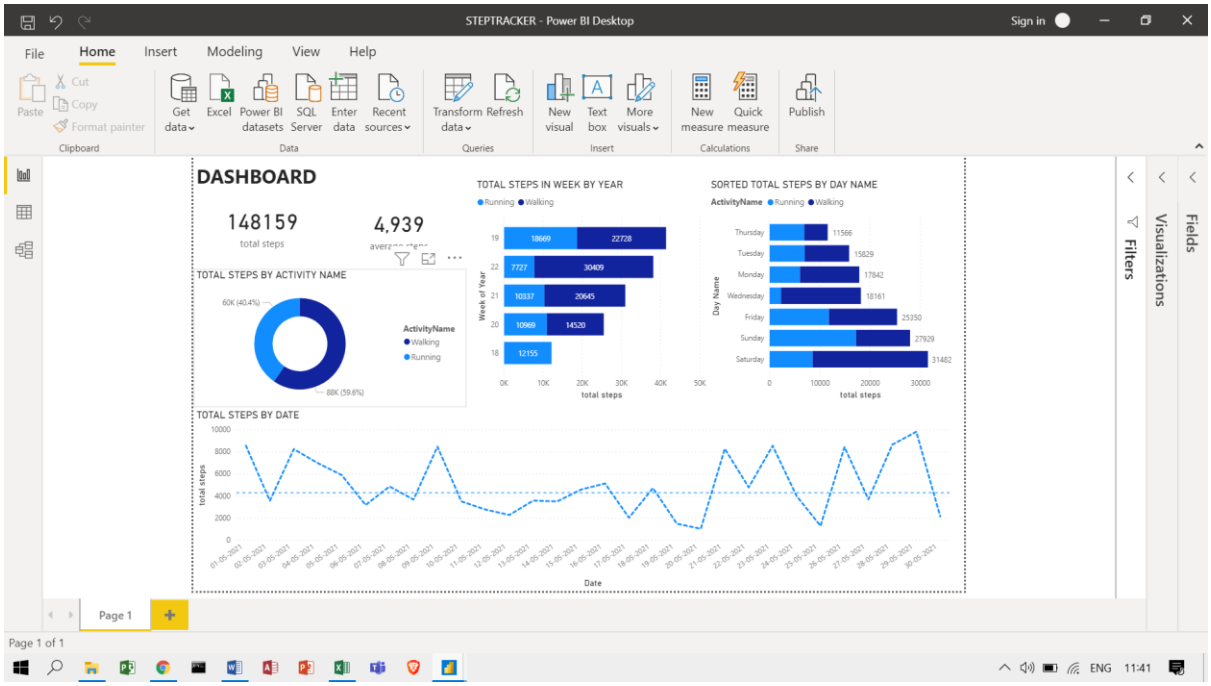
Data Model

Below is a screenshot of the data model after cleansed and prepared tables were read into Power BI.

We can see that the FACT table is connected to two dimension tables with the correct relationship established (1 to *) between dimension and fact tables.



Exercise Analysis Dashboard



Insights

→On an average 4900 steps

→On Weekends steps has been increased compared to weekdays

→Walking has been your favourite exercise

Data from Google

→In summary, the updated normative data (i.e., expected values) based on international studies indicates that we can expect 1) among children, boys to average **6,000 to 8,000**

→Even though we didn't meet the average but its little closer to the google data.