**Fetch Rewards Coding Exercise - Part One**

The main purpose of a data warehouse is to support analytical queries by storing the data in a column-based database.

Based on the data captured in JSON and their respective attributes, I decided to create a dimensional model of type Snowflake Schema. It consists of one fact table RewardsPoints which is the center point of the database and stores all the numeric facts like PointsEarned, etc, along with Foreign Keys connecting to other tables. The dimension tables represent all the dimensions related to the Fact table; the dimensions are used to describe the fact fields.

The Snowflake Schema Data Model:

Please follow the link to take a closer look of the model diagram:

[https://lucid.app/lucidchart/40193455-d876-44ac-93e7-5887f0ea9bb9/view?page=0\_0#](https://lucid.app/lucidchart/40193455-d876-44ac-93e7-5887f0ea9bb9/view?page=0_0)

