**SUN MODEL[[1]](#endnote-1)**

**(developed by Professor Mark Whitehorn at University of Dundee)**

Below sun model and corresponding fact tables were created during the requirements stages of the project

A diagram of a race results

Description automatically generated

Figure 1. Sun model for all the measures in results fact table sliceable by dimensions

driverid

driverref

forename

surname

dob

constructorid

constructorref

nationality

name

FACT TABLE

drivers

constructors

points

rank

fastestlap

fastestlaptime

fastestlapspeed

status

circuitid

circuitref

country

lat

lan

year

statusid

seasons

circuits

Figure 2. Star schema for the sun model in Figure1.

A diagram of a computer code

Description automatically generated with medium confidence

Figure 3. Sun model for all the measures in laptimes fact table sliceable by its dimensions

A diagram of drivers standing

Description automatically generated

Figure 4. Sun model for all the measures in driverstanding fact table sliceable by dimensions

A diagram of a different type of dings

Description automatically generated

Figure 5. Sun model for all the measures in constructorstandings fact table sliceable by dimensions

1. <https://www.slideshare.net/acobley/sun-modeling>

   **ER Diagram to model data for the database design and storage.**

   A diagram of a computer

   Description automatically generated

   Figure 1. ER Diagram to model data to be loaded in AWS Redshift data warehouse. [↑](#endnote-ref-1)