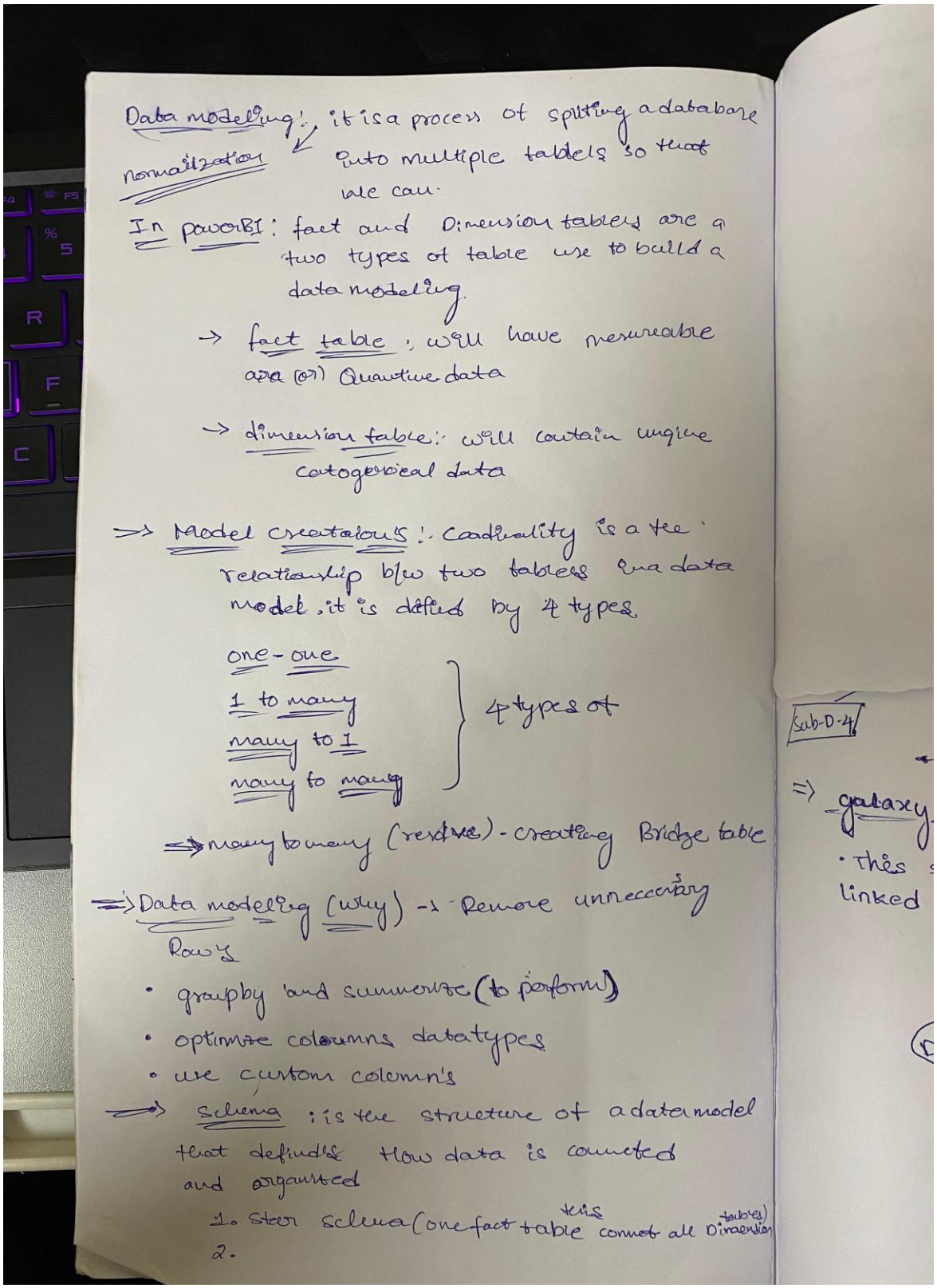
POWERBI_ASSIGNMENT14



Data modelling: it is a process of splitting a database into multiple tables so that we can.
normalization

In powerBI: fact and Dimension tables are a two types of table use to build a data modeling.

→ fact table: will have measurable data (or) Quantive data

→ dimension table: will contain unique categorical data

=> Model creations: Cardinality is a tee relationship b/w two tables in a data model. it is defined by 4 types.

- one-one
- 1 to many
- many to 1
- many to many

} 4 types of

=> many to many (resolve) - creating Bridge table

=> Data modelling (why) -> Remove unnecessary Rows

- groupby and summarize (to perform)
- optimize columns datatypes
- use custom column's

=> Schema: is the structure of a data model that defines how data is connected and organized

1. Star Schema (one fact table this connect all Dimension tables)
2.

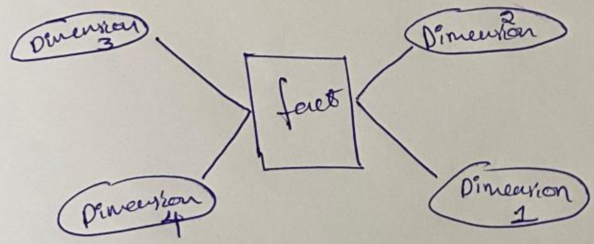
Sub-D-4

=> galaxy

• This
linked

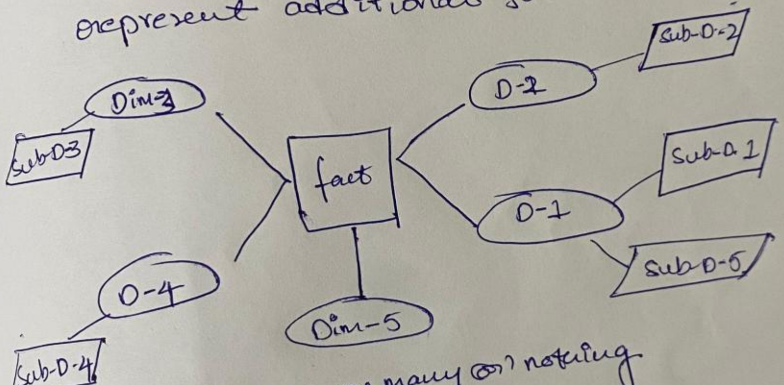
POWERBI_ASSIGNMENT14

2. Dimension table in a star schema align with fact values. table given it a store shape



⇒ Snow flake schema

* Dimension table have sub-Dimension table
* Snowflake schema are sub-Division to represent additional join in queries.



* it may are many or nothing

⇒ galaxy schema

· This schema has more than one fact table linked to dimension tables