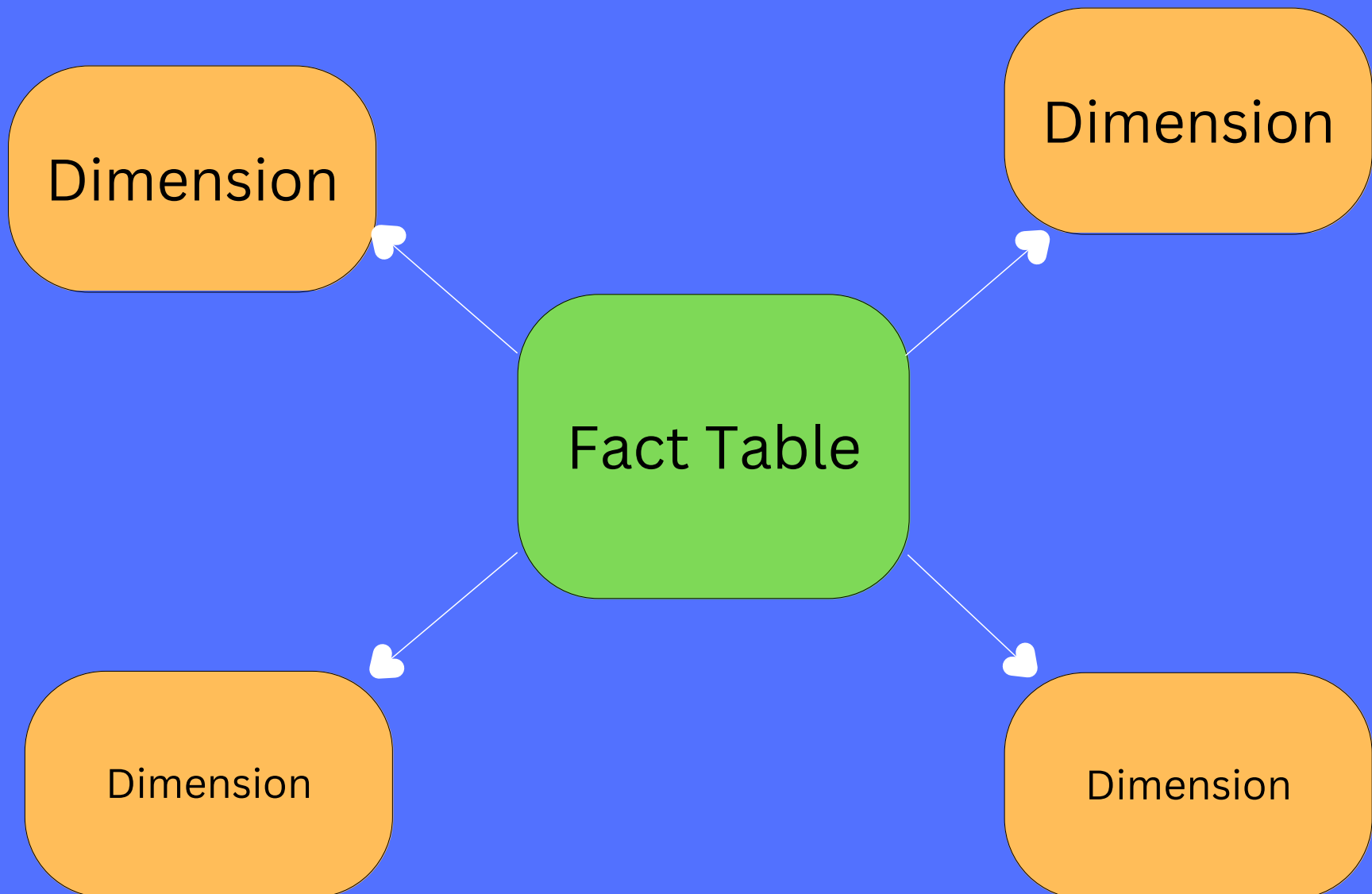
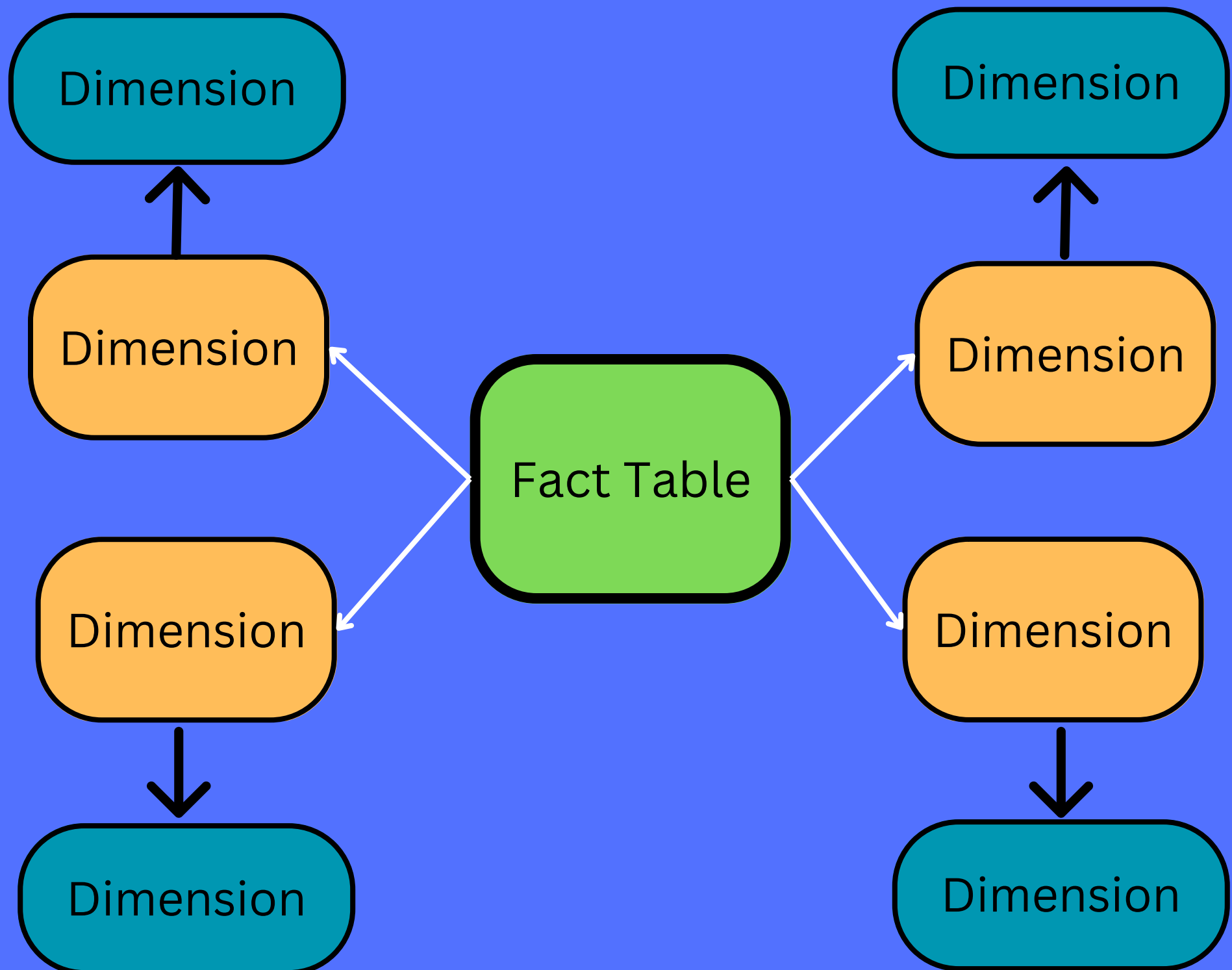


# Star Schema



**Suryanarayan  
mishra**

# Snowflake Schema



# Star vs Snowflake Schema

**Star schema contains a fact table surrounded by dimension tables.**

**In snowflake, One fact table surrounded by dimension table which are in turn surrounded by dimension table.**

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# Star vs Snowflake Schema

**In a star schema, only single join creates the relationship between the fact table and any dimension tables.**

**A snowflake schema requires many joins to fetch the data as it joins facts with dimension and dimension with sub-dimensions.**

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# Star vs Snowflake Schema

**Star schema is a top-down model  
and uses more space.**

**Snowflake schema is a bottom-up model  
and uses less space.**

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# Star vs Snowflake Schema

**Star Schema's design is very simple and queries take less time to execute.**

**Snowflake Schema's design is complex and queries take more time to execute.**

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# Star vs Snowflake Schema

**Star schema has less number of foreign keys and high data redundancy.**

**While Snowflake has more number of foreign keys and low data redundancy.**

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