# Data Analysis

## Understanding the Project

1. It is a broad term
2. It has many modules
3. It serves multiple objectives
4. It encompasses
   1. Core business solution
   2. Maintenance tasks (ILM, Monitoring)
   3. Administration (Servers, SANs, Cloud, Support teams)
   4. Infrastructure tasks / costs (scalability, upgrades)
   5. Maintenance tasks costs

## Understanding the Module

1. Module is apart of the project, technical deliverable
2. Module could have multiple technologies
3. Module will also follow the SDLC

## Understanding the data flow

1. How does the data originate
2. Master data management
3. Transactional Data
4. Database names and their uses
5. Application names, technologies, and the architecture diagram

## Understanding the data model

## Tech stack for data analysis

### MS Excel

### SQL queries

## Data visualization

### Tableau

### MS Excel Graphs