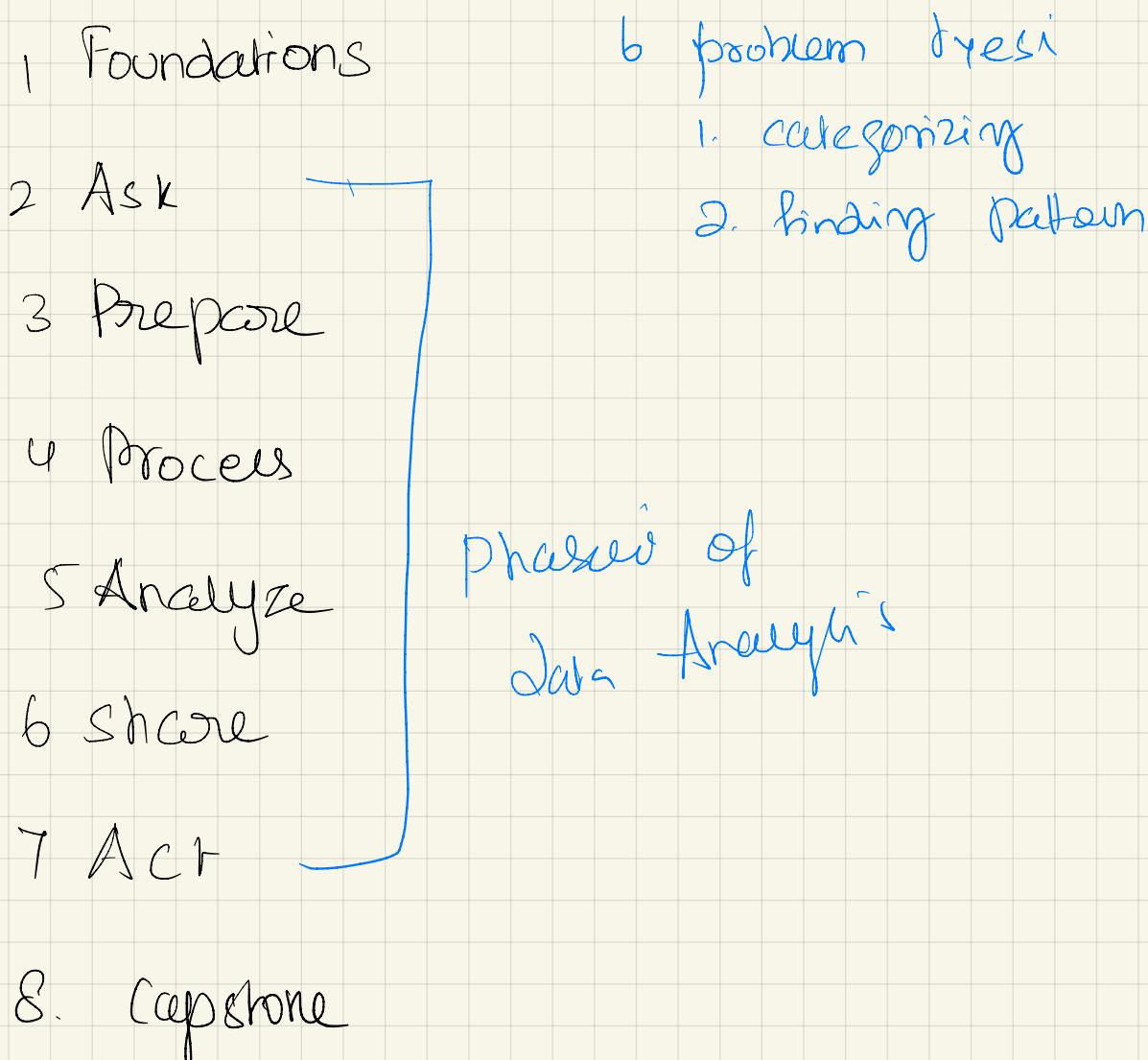



Course 1: Foundations: Data; Data, Everywhere.
Already finished.

Course 2: Ask questions to make data driven decisions.



COURSE TWO:-

Skills sets you will build:

- Asking smart questions
- Structuring how you think
- Summarizing data
- Putting things into context
- Managing team and stakeholder expectation
- Problem-solving and conflict-resolution.

What you will learn:

- How data analysis solve problems with data
- The use of analytics for making data-driven decisions
- Spreadsheet formulas and functions
- Dashboard basics including an introduction to Tableau
- Data reporting basics.

Week-1

Data in action :-

1 Ask phase :-

- o Define the problem you are trying to solve
- o Make sure you fully understand the stakeholders expectations.
- o focus on the actual problem and avoid any distractions
- o Collaborate with stakeholders and keep an open line of communication
- o Take a step back and see the whole situation in context.

6 common uses of problem:-

1. Making predictions : using data to predict ^{about}
2. Categorizing things : grouping data.
3. Spotting something unusual : finding unusual patterns.
4. Identifying themes : Grouping information in broader concept
5. Discovering Connections
6. Finding patterns :

Making Predictions :-

Using data to make informed decisions about how things may be in the future

Categorizing things :-

Grouping data based on common features

Spotting something unusual :-

Identifying data that is different from normal

Identifying themes :-

Recognizing broader concepts and trends from categorized data.

Discovering connections :- Identifying similar challenges across different entities - and using data and insights to find common solutions

Finding pattern :- Using historical data about what happened in the past to understand how likely it is to happen again.

Smart Questions :- (to ask)

- S - Specific
- M - Measurable
- A - Action-oriented
- R - Relevant
- T - Time-bound.