MySkill

What is Data Analyst?

Presented by: Wildan Zakaria

JOIN THE BEST UPSKILLING COMMUNITY WITH ME at myskill.id/bootcamp

MINI PORTOFOLIO

Course Summary

Data analytics is process of examining raw data to extract useful information.

Data analyst duties :
- Drag the data
- Create dashboard
- Analyze and provide strategic recommendations for the future

Steps in Data Analysis :
- Define problems
- Confirm the analysis point first! with your business user ofc. (optional)
- Find the data
- Preprocess the data
- Do the analysis
- Interpret the result

MySkill

Course Summary

Steps in Data Analysis :
- Define problems

Problem is the gap between the current condition and the expected condition. Using an analysis framework to solve these problems.

Analysis Framework :
1. Problem setting
2. Problem breakdown (optional)
3. Root cause analysis/problem tree

- Find the data
- Preprocess the data
1. Remove duplicates
2. Handle anomalies and dirty data
3. Take action on missing data
- Do the analysis
1. Standardize the format and types
- Interpret the result

MySkill

15 MINS: LET'S DO THIS!
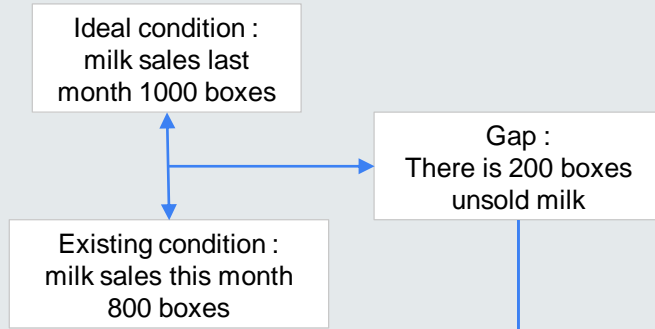
Develop your analysis framework that contained:

1. Problem Setting
   a. Ideal Condition
   b. Existing Condition
   c. Gap

2. Problem Breakdown (to prioritize your problem solving process)

3. Problem Tree (to review all the possibility that able to become a root cause) - *at least 3 point/ hypotheses for problem tree*
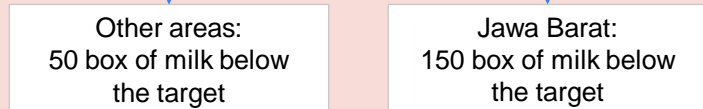
MySkill

15 MINS: LET'S DO THIS!

Case : You are a sales at a dairy company. This month, the company experienced a decline in sales. where last month milk sold 1000 box and this month only 800 box. What problem will you need to address to your analysts?
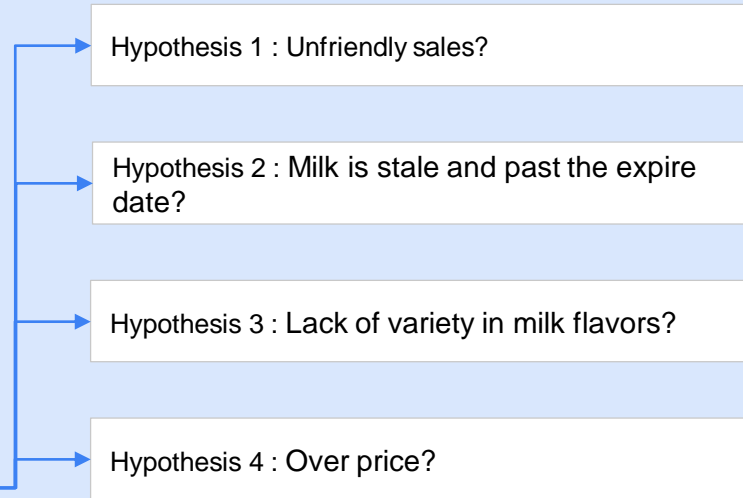
1. Problem Setting

Ideal condition :
milk sales last
month 1000 boxes

Gap :
There is 200 boxes
unsold milk

Existing condition :
milk sales this month
800 boxes

2. Problem Breakdown

Other areas:
50 box of milk below
the target

Jawa Barat:
150 box of milk below
the target

3. Problem Tree

Hypothesis 1 : Unfriendly sales?

Hypothesis 2 : Milk is stale and past the expire date?

Hypothesis 3 : Lack of variety in milk flavors?

Hypothesis 4 : Over price?

MySkill

Follow me!

Instagram : @wildanzkkr

Email : wildanzakariaa@gmail.com

LinkedIn : LinkedIn.com/in/wildanzakaria

Bootcamp Data Analysis
by @myskill.id