

PROJECT 1

DATA ANALYST PROCESS

APPLICATION IN REAL LIFE SCENARIO CASE STUDY

The background image shows multiple overlapping computer screens displaying financial market data. The top screen features a line chart for EUR/USD with a title 'EUR/USD - 1,35379 - 00:00:00 14 giu (EEST)' and a subtitle 'EURUSD (Bid), Ticks, # 300 / 300'. The chart shows price fluctuations over time. Below it, another screen displays a candlestick chart for Gold, spot, with a title 'Gold, spot - 1,276,820 - 23:00:00 13 giu (CEST)' and a subtitle 'Gold, spot (Bid), 1 minute, # 159 / 300, Logarithmic, Heikin Ashi'. The bottom screen shows a 'Quote List [2]' for 'World Markets' with columns for 'Name' and 'Last'. The overall theme is financial data analysis.

DATA ANALYTICS

Data analysis can be seen in our daily lives without our knowledge whenever we make a decision. Basically, this is the process of planning and analyzing the things and making a decision based on that analysis.

Example:- 1. Serving the dishes to the family for dinner.
2. Grocery shopping.

THE DATA ANALYTICS PROCESS

6-STEP PROCESS



STEP 1
PLAN



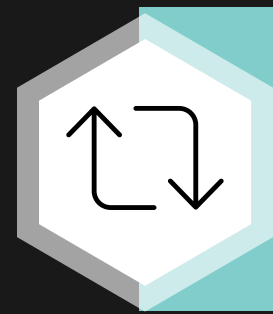
STEP 2
PREPARE



STEP 3
PROCESS



STEP 4
ANALYSE



STEP 5
SHARE



STEP 6
ACT



PLAN

As Data analyst planning is done based on asking relevant questions, defining the problem, thinking orderly and communicating with others.

PREPARE

Analyst identifies the data and prepares for the success to be achieved from previous data.

PROCESS

Data processing is the data which is collected and has no errors, identified problem solution and having relevant data.

ANALYSE

Analysing data is to find data having patterns, relationships and trends. Analysing documents and successful projects no matter the analysis is correct or not.

SHARE

Communicating with the team about the next step to be taken in the project to get more productive and effective results at the end.

ACT

Working with the team bringing new insights, solving problems, taking action for the best results.

APPLICATION IN REAL LIFE SCENARIO

1. SERVING DISHES TO THE FAMILY FOR DINNER

PLAN

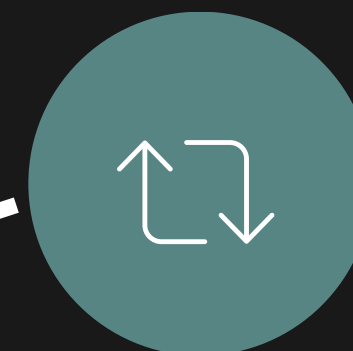
How many dishes to serve, what to prepare , estimated time taken for each dish to get ready and number of serving needed for the dinner.

PROCESS

Using the ingredients required for each dishes and preparing them.

SHARE

Dishes will be served with clean platers for the dinner .



PREPARE

Next I need to check whether all ingredients are there to prepare each dishes and platers to serve are ready.

ANALYSE

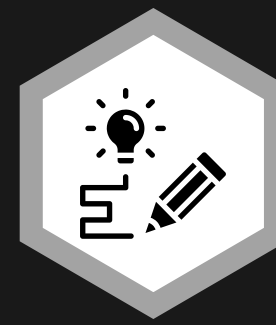
Next I would taste each dish before serving to the family..

ACT

Ready to eat.

APPLICATIONS IN REAL LIFE SCENARIOS

2. GROCERY SHOPPING



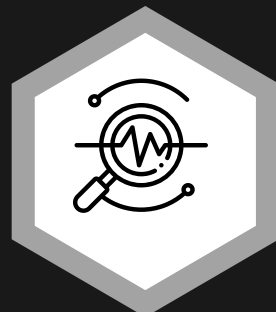
PLAN: First I decide what to buy and make a list of grocery items.



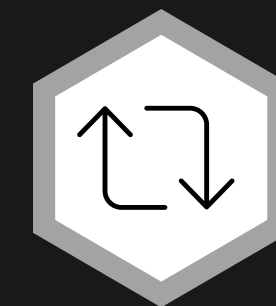
PREPARE: Next I will check how much I can spend from the budget, can all items could be added to the cart.



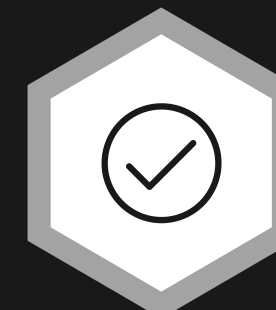
PROCESS: Then I will add important items to the cart first and then less important ones later



ANALYSE: Next I will analyse all item in the cart are good quality and have required quantity and come under the budget.



SHARE: I will communicate and share the idea with the vendor and find suitable item.



ACT: Finally done with the grocery shopping

THANKYOU