Week 4 Day 2

XP Mandatory

Ex1:

Write a short essay or report on the following topics:

What is data analysis?

Why is data analysis important in modern contexts?

List and describe three areas where data analysis is applied today.

Data analysis is processing raw data to achieve a desired goal, be it predicting outcomes , finding the reasons behind the results, what exactly this data means or selecting best way of actions.

Data analysis was always important as it helps to optimise and imrpove anything that has it’s own system, from personal diet or sleep cycle, company’s marketting or staff management or even on a state’s level like public health or education.

DA applied in:

1. Monitoring public transport - deciding on adding new routes or stopes, determine high priority routes etc.
2. Defense/Army – keeping track on threats and determining their levels. Logistics, operations etc.
3. Education – adding schools in regions with high demographics of kids, identifying where students more struggle and succeed, distributing resources et