Day 4 - 90 days of Analytics : Learn the Core & Soft Skills

In today’s video, the various soft and core skills needed by a data analyst were discussed.

The following were mentioned

-There exists core skills, soft skills, tech skills and skills in relation to technology such as using google, stack overflow or ChatGPT to get solutions to problems

-The skill needed by a data analyst may include

* **Mathematics and statistics**: Basic knowledge in mathematics, statistics and probability is needed
* **Domain knowledge**: Specialised understanding of an industry which can be acquired through
  + formal or informal education
  + field experience
  + interviewing experts of the domain
  + Buying a product from the industry and get an understanding of how things work (Being a customer)
* Analytical thinking : the ability to research, collect and process raw information to have more interesting fact about it. The ability of interprete data to gain more knowledge about a subject
* critical thinking : the act of deliberately and systematically process information for better decision making or for better understanding
* Communication : the ability to

listen and have an undivided attention in a discussion (listen to listen and not to respond)

chose words according to audience.

Appropriate interpretation and transmission of mostly body language since communication is mostly body language.

Double check messages before sharing

Be brief and specific in things being done since most people don’t have enough time

Take down notes in meetings. The brain is not to be trusted

Think before speaking. The way something is said matters.

Treat everyone with respect, be positive and also put on a smile

* Problem solving : The ability to understand the root causes of a problem and try to fix them. Identifying, understanding and finding a solution to the problem. It may also include visualization of the problem in terms of drawing or writing

Most of these skills are learned most of time while learning the tech skills

The more you explain things to others, the better you understand

The opposite of critical thinking is everyday thinking

Link to the YouTube Recording : <https://www.youtube.com/watch?v=qveOfzVgM-w>

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