Experience Review

Common Question = 'What I might have missed or experienced in this approach that I don't recall now but is really important?'

First answer the common question for all approaches.

Approach 1: Learning on the Go

- Why?
  - Idol→ Elon musk uses this a lot I had no other option since my Winter Internship Program and ML course were clashing.
  - We were provided with real-world datasets and expected to create a prediction model.
- What I did?
  - Loaded the datasets and applied techniques that I knew initially
  - Used AI to get full code from start to end of the operation.
  - Understood each line and then implemented my-self.
- Outcome
  - It took less time but more focus and execution.
  - Concreted the learning foundation
  - Boosted my confidence toward industry datasets.
  - Day 1→ I was not able to type one line without looking on the AI generated code.
  - Day-7 → I was performing everything without help of AI that too while listening to songs.
- COMMON QUESTION

Approach 2: Spending more time on errors than just solving it without knowing.

- Why this topic?
  - I got plenty of errors as I performed a lot of trial and error during the execution phase.
  - Instead of just pasting the right code and moving on, I understood the root cause of errors and that helped me face them as challenges and strengthen my learning.
- What I did?
  - Used ai to understand the errors, first understood on a very simple level like explaining errors to a baby followed by the technicality behind the errors.
  - Solved the similar errors my self.
- Outcome
  - Gained error solving confidence.
  - Understood the problems that I might face in future.
  - **UNDERSTOOD WHAT MACHINES REALLY EXPECT FROM THE CODE**.
- COMMON QUESTION

Approach 3:Tracking the progress

- Why this topic?
  - It is necessary process in any domain.
  - I wanted to know where I was yesterday, where I am today and where I will be tomorrow.
  - To find what or where I face some serious and silly problems or mistakes that I made.
- What I did?
  - Passed my notebook to AI, got plenty of suggestions, worked on them.

- - Analyzed the book my-self and found different ways to do a particular part.
  - Outcome
    - Found new ways to get things done.
    - Found some human errors that were made by me that could create a difference in model's accuracy by at lest 30%.
  - COMMON QUESTION

Approach 4: Documenting Everything

- Why this topic?
  - Helps reinforce concepts in no time.
  - If stuck some where, just quickly refer the documentation and get out of the jam.
- What I did?
  - I've created several notebooks for several datasets so, documented the first notebook in my own natural language.
  - Wrote working of every line in plain language.
- Outcome
  - Helped my partner understand some concepts.
  - Permanently stored the understanding of concepts in my brain.
- Common Question

Approach 1: Learning on the go