Machine Learning

- Machine Learning is a very diverse field containing several future aspects in many fields like **NLP** , **Computer Vision**.
- ML has 2 broad prospects to work on - **company work** and **research.**
- For company work one needs to know full end to end starting from preprocessing of data to making models but for research one need to know details algo of every ML models.
- Resources of ML :- **Andrew NG course coursera** , **O'Reilly Hands on Machine Learning**
- It is a field where some prior experience or projects are required.
- One should be **thorough with all the projects and internships written in Cv**.
- **POR** are of no importance for Machine Learning profile.
- **Cg** is only needed to clear the cutoff for sitting in some companies but obviously having a good cg adds to your profile showing your hard work.
- Level of CP required for internships :-
  a) Some companies require **very less CP like microsoft** and that of only algo level.
  b) Some companies require **fair CP knowledge like Adobe**.
- Knowledge of **probabilities** and **puzzles** are also needed for some companies.
- Probabilities resources :- **50 Challenging Problems in Probability,** [video lectures theory by harvard](#)
- Puzzles resources :- [Brainstellar](#) , **Heard on the Street**
- **No questions were asked on dev oops** and other CS related topics for ML for companies like Adobe,JPMC,Amazon and also not important for off-campus.
- **How to get project from professor in KGP** :-
  Search for the professors who are from ML/DL background , then send a formal mail to them for project approval.
- **Target all ML companies coming in CDC** rather that focusing on a particular one and one also learn CP for a backup in CDC
- **BE SINCERE & THOROUGH WITH YOUR WORK ALWAYS**