\* Apply for internships and job on LinkedIn.

\* Apply for internships and job on Naukri.

\* Apply for internships and job on Intern Shala.

\* Watch YouTube videos and apply for given jobs.

\* Reply of all applications on daily basics.

\* Apply for 10 jobs or internships on daily basis.

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Topics to revise:

1) Random state

2) How to drop row and column in pandas?

3) What is cross-validation and why it is important

4) Difference between precision and recall

5) Curse of dimensionality?

6) Weight initialization

7) Activation functions of ANN especially Sigmoid, SoftMax, ReLU, Leaky ReLU, P ReLU and Linear

8) Loss functions of ANN (Regression and classification) and CNN learn formulas of MAE and MSE

9) weight initializer

10) Sincerely study 'Working process of DL' notebook

11) eigen vectors and eigen values

12) Silhouette score

13) SVM

14) Decision Tree Regressor

15) Bagging and boosting and their all algorithms especially soft voting and hard voting

16) SQL all functions (clause)

17) Perceptron

18) Whole Statistics along with definition

19) Study all questions sincerely from 'ML interview question' notebook

20) Why we standardize and not normalize dataset before PCA

21) Cumulative Sum

22) Study techniques to reduce overfitting in machine learning (ML) and deep learning (DL), as well as the parameters and techniques to reduce overfitting in specific ML models.

23) Why n-1 in sample variance?

24) Probability Distribution

25) n\_jobs & verbose parameters

26) Why we remove colinear and multi-collinear variables during data pre-process?

27) Why we use ADAM optimizer in neural networks every?

It is almost 90% frequently used.

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1) We can use weight initializer in every layer in CNN and in ANN if we want

2) From NLP mainly questions are asked from text preparation and feature engineering.

3) If you apply for jobs in NLP or any other branch, always see the job description before applying and see what are the skill set, they ask for, if you don’t have required skill set learn things from internet and you tube.

4) **Whenever you talk to a client on a video call or face-to-face, they may ask you to do many things on the spot, such as "remove this" and "see the results." At that time, your mind races to build the logic of the code in your head.**

**5) On calls, clients will explain what things need to be done in the project. Logically, think about all of those things in your mind. While doing any particular thing, you may get stuck in code or not? Is it possible to perform that particular thing by code? If not, then tell the client. If you have any doubts or questions related to the work, clear them on calls.**

**7)**  We use standard scaler in linear regression.

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Things to do:

1) After completing course first thing is to do is start applying for jobs and internships on Intern Shala, LinkedIn, Naukri and do revision of all topics side by start with SVM.

2) Explore about NLP, CNN on google and you tube, Kaggle. Explore text preparation, feature engineering techniques.

3) Go to Kaggle and get the idea and make projects of NLP, CNN, etc.

4) Watch YouTube videos of Deep Learning and NLP playlist to understands these topics better and make projects of CNN, RNN, NLP, recommendation system, etc.

5) Go to Kaggle and see projects of word2vec and build one project, otherwise get idea from there.

6) Make profile on LinkedIn, indeed, Naukri to search for jobs.

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Tips

1) Read AI related news, which helps in gaining knowledge and for interview point of prospective.

2) Daily apply for 10 job on any portal.

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Future Plans

1. Make you tube channel and start uploading videos of Travelling Vlogs, Food Vlogs, Festival Vlogs, Food Recipe videos, Data Science related videos and post casts.
2. Start my own company of data science where we can get projects from international clients as well as from domestic clients, but more focus on international clients.
3. Learn about AWS and deployment

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Career Tips

1) First focus on job and try to apply for work from office jobs and in starting of career 3-4, only focus on learning by experiences of other colleagues and make good connection with other colleagues specially with seniors

2) Always aim that package is 2.5X to number of years. E.g.: Starting package is 5L, so 5L X 2.5= 12.5 L Package after 5 years.

3) Do freelancing: Make a team and get data science projects from client and start working on it. Income will generate in dollars.

4) Start teaching in online institute like ekeeda or any other platform

5) In job switch always remember that get 30% hike on currently salary. Current is 1 L so demand at least for 30% hike and salary will be 1 L 30 K. Demand for 60-70% hike and last 14% and median 30%. Don’t accept less than 14% because it is ideally salary hike %age in industries.

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Can’t do these things while working in a company

1) Moon lighting: means while working in a company don’t work on projects of competitive companies and don’t share any working material of existing company with them. E.g.: You work for TCS and doing freelancing projects of Infosys other freelancing is fine.

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Job Portal Tips

1. We get job shows recommended by the skills we add.
2. In the experience column, add at least 1 year of experience, even if it is just training or projects you do in Ekeeda. This will allow you to see more jobs. When HR asks about your experience, explain that you have worked on these skills during training or projects.
3. Read the job description carefully to understand the company's requirements.
4. If you are going for a job interview, ask HR to send you the job description. This will help you prepare for the interview by understanding the company's needs.
5. If you are applying for a job in healthcare, create a project on a healthcare-related problem statement on Kaggle. This will show that you are interested in the industry and have the skills to do the job.
6. The more you explore a job, the more you will understand it.
7. Before any interview, study about the company. In HR and technical rounds, you will be asked questions about the company, such as "What do you know about the company?" This is a common question for freshers.

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Interview Tips

1) Always on camera during interview whether interviewer’s camera is on or not, this makes confidence to interviewer that you are not cheating from google or ChatGPT.

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Advantages & Disadvantages of work in a Start-up: -

In a start-up, you will have to learn all aspects of the job. You will be responsible for a variety of tasks, and you may not know when you will be paid or if you will have a job next month. The work pressure is high, but you will learn a lot and have the opportunity to make a real impact on the company. Start-ups are a great place to learn and grow, so if you are a fresher, I recommend giving them a try.

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Money Management

Investment - 34%

Zakat - 3%

Donation - 3%

Saving for luxury - 10%

For Mom & Dad - 10%

For daily needs - 40%

If whole 40% money is not spent, save and invest remaining money.

Note-

1) Spend on yourself because your money will come and go but time will always go.

2) Make a dairy or notepad in which you make data for spending and analyse it to prevent from overspending.