Expert Hacks:
Cracking the Data Science Interview

Anish Mahapatra | 04 April, 2022

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Agenda

01 Introduction

02 Why choose Data Science?

03 Roles in Data Science

04 Move into Data Science

05 Strategies to transition (mind-maps)

06 Expert Hacks

Introduction

Senior Data Scientist

- **LinkedIn:** www.linkedin.com/in/**anishmahapatra**
- **Medium:** **anishmahapatra**.medium.com
- **Website:** www.**anishmahapatra**.com
- **GitHub:** www.github.com/**anishmahapatra**

Q. How to get into Data Science?

A. Simple, ask a real-world Data Scientist.

Why choose Data Science?

01

Relevance in the future

Companies are building and growing in Data and it is the future.

02

Business & Technology

Data Science is a combination of Business, Math and Technology, so growth can be in business / technology

03

Industry-Agnostic

Use your existing knowledge / domain / technology expertise with a data-edge

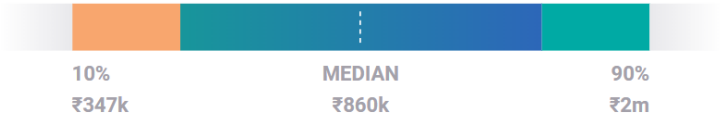
04

Extremely High Market Demand

Supply-Demand mismatch means companies are willing to pay more

₹860,454 / year

Avg. Base Salary (INR)



The average salary for a Data Scientist is ₹860,454

Base Salary	₹347k - ₹2m
Bonus	₹20k - ₹308k
Profit Sharing	₹4k - ₹396k
Commission	₹26k - ₹197k
Total Pay	₹359k - ₹2m

Based on 3,520 salary profiles (last updated Jan 31 2022)

Roles in Data Science

01

Data Engineer

Data Movement, Building Data pipelines, Quality of Data, Data Governance

02

Machine Learning Engineer

Experimentation to get output, Modelling, Making the most out of data, Data Analytics

03

Business Analyst

Client communication & management, Dashboarding & Reporting, Visualization, Decision Making

04

Data Scientist

Data on the cloud, modelling in all capacities, visualization, presentation to stakeholders, team management

Tools & Technologies in Data Science

Data Engineer

Google Cloud

amazon web services

Microsoft Azure

Machine Learning Engineer

python

R

APACHE Spark

Business Analyst

tableau

Power BI

Qlik

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MySQL

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How to move into Data Science

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01
Set Target
Decide the kind of roles to target,
Talk to people who are doing what you want to do

02
Optimize your resume
Understand how ATS works (keywords),
Put keywords in your resume (SEO),
Take feedback on resume

03
Build LinkedIn Profile
Add certifications, Get recommendations
Participate in competitions, Do projects,
Keyword Optimization / SEO

04
Build Relevant Network
Start writing about Data Science,
Connect with recruiters, Build a strong base,
Be active on LinkedIn, Medium

Have real interest, Google & know about the latest happenings

05
Globally Accepted Degree (70%)
Globally recognized degree,
Degree Accepted by MNCs,
Possibility of PhD later,
Alumni Status
Bonus - WES Certification, Teachers from the industry

06
Have high standards
You need to know what you are looking for.
Money, growth, industry change, career trajectory, culture

Resume Optimization (Demo)

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- Showcase of LinkedIn Profile
- Advanced Features of LinkedIn
- Beat the ATS
- Resume Optimization Strategy
- How to find the CTC you deserve?

Demo

Job Search Strategies

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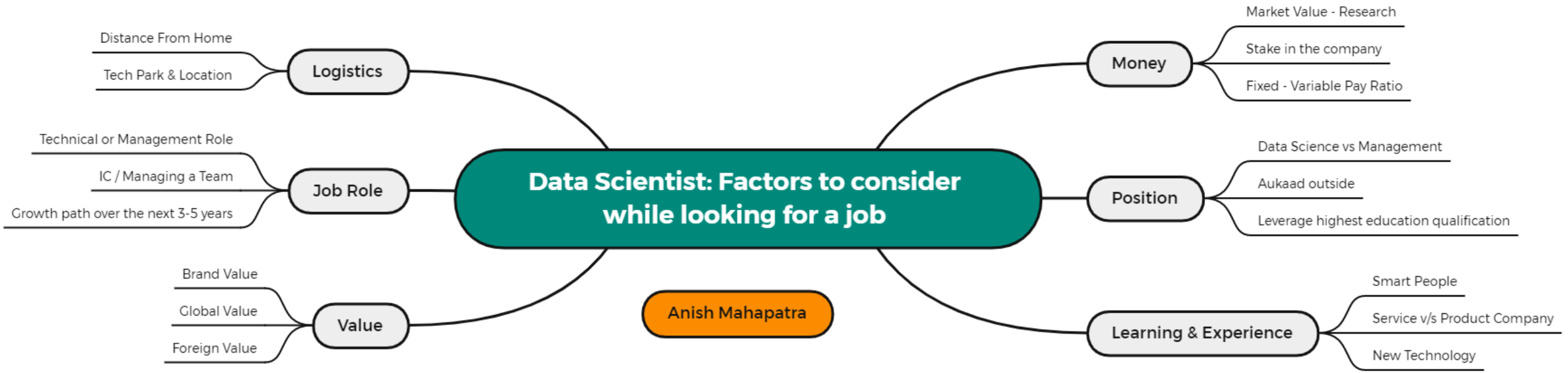
GOOGLE ME.

Factors to consider while looking for a job



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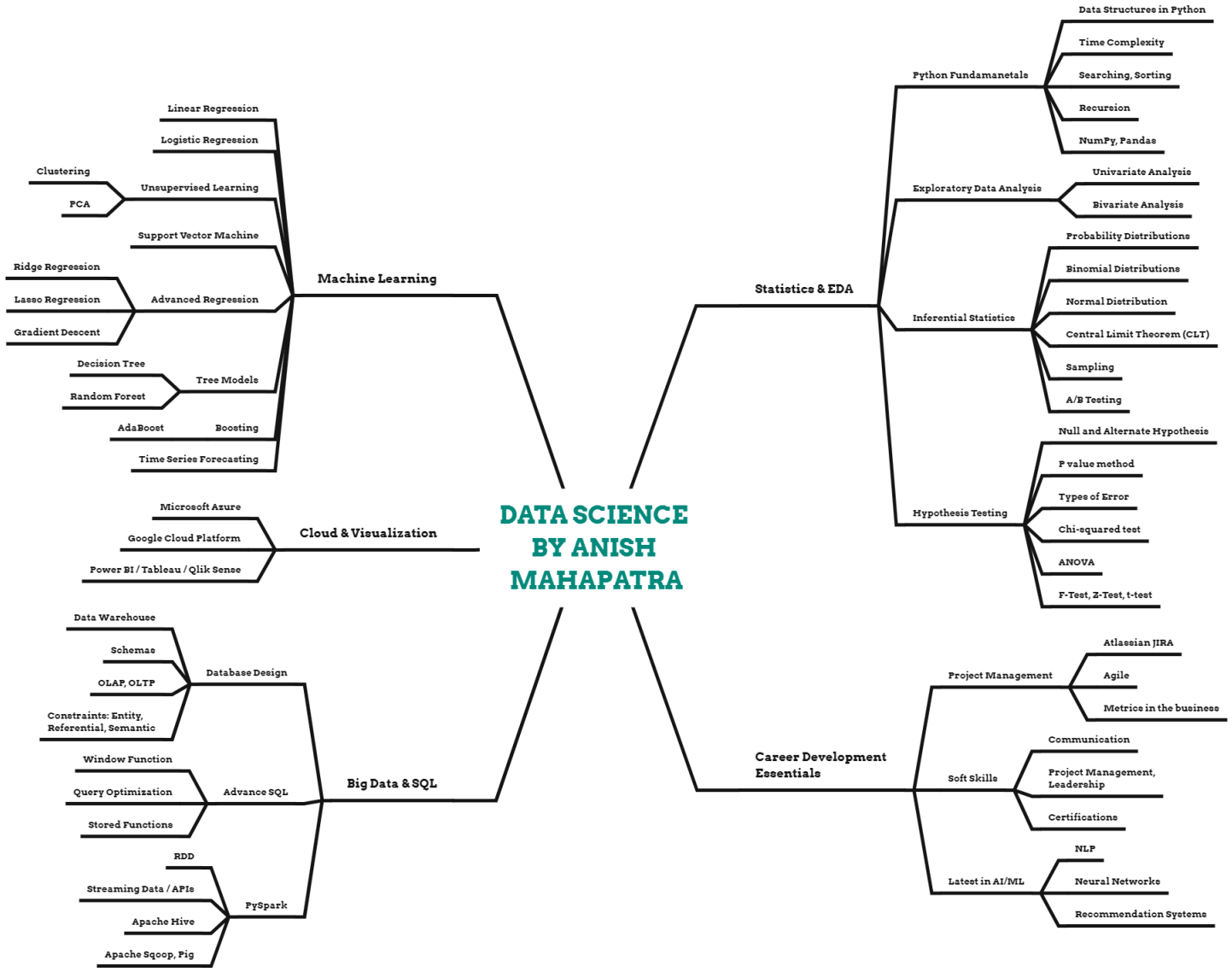
Plan your Data Science prep



Expert Hacks

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01 Have Templates on Notion

02 Send Thank you Email after Interview

03 Have an Interview Tracker

04 Google *Top 100 Interview Questions* for Data Science, ML, SQL, Python

05 Have a Master's Degree

06 Be Active & Proactive in replying

Key Takeaways

01	Introduction	- Anish Mahapatra
02	Why choose Data Science?	- Highest ROI
03	Roles in Data Science	- DE, MLE, BA, DS
04	Move into Data Science	- Step-by-Step, Global Degree
05	Strategies to transition (mind-maps)	
06	Expert Hacks	- Pro-tips

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Q&A Session

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Thank you.

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