

Expert Hacks: Cracking the Data Science Interview

Anish Mahapatra | 9 May 2023

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: Am I worth your time?

 Anish Mahapatra. Google me.

Anish Mahapatra

Senior Data Scientist

Fortune 200 Retail Giant

anishmahapatra01@gmail.com



- Mentored over 2000+ people in Data Science
- Senior Data Scientist at a Global Fortune 200
- Writer, Teacher, Webinar Expert in Data Science
- Consultant to 7+ Fortune 500 companies
- Subject Matter Expert in multiple Data Science Topics including Chatbots, Kafka, ML & AI
- PGD from IIIT Bangalore + MSc in Data Science
- 6 years of experience in Data Science

Senior Data Scientist 



LinkedIn: www.linkedin.com/in/anishmahapatra



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GitHub: www.github.com/anishmahapatra



Q. How to get into Data Science?
A. Simple, ask a real-world Data Scientist.

How can Data Science help in every Domain?

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

Data Scientist Salary in India based on 26.5k latest salaries



Roles in Data Science

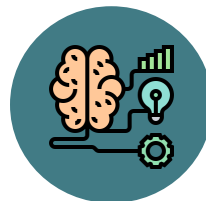
01



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

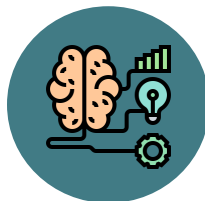
Tools & Technologies in Data Science



Data Engineer



Google Cloud



Machine Learning Engineer



python



Business Analyst



+ab|eau



Power BI



Data Scientist

upGrad



How to move into Data Science

01

Set Target

Understand the Data Field,
Understand roles & responsibilities,
Look at a 5-year path

02

Talk to people

Talk to people who are already
doing what you want to do

03

Build LinkedIn Profile

Add certifications, participate in
competitions,
do simple projects,
look at how the best of the best do it

06

Build Collaterals & Profile (30%)

GitHub, LinkedIn,
Medium, Brand Profiling

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

04

Explore Certifications

Multiple certifications don't help,
the quality of it does.

Resume Optimization (Demo)



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

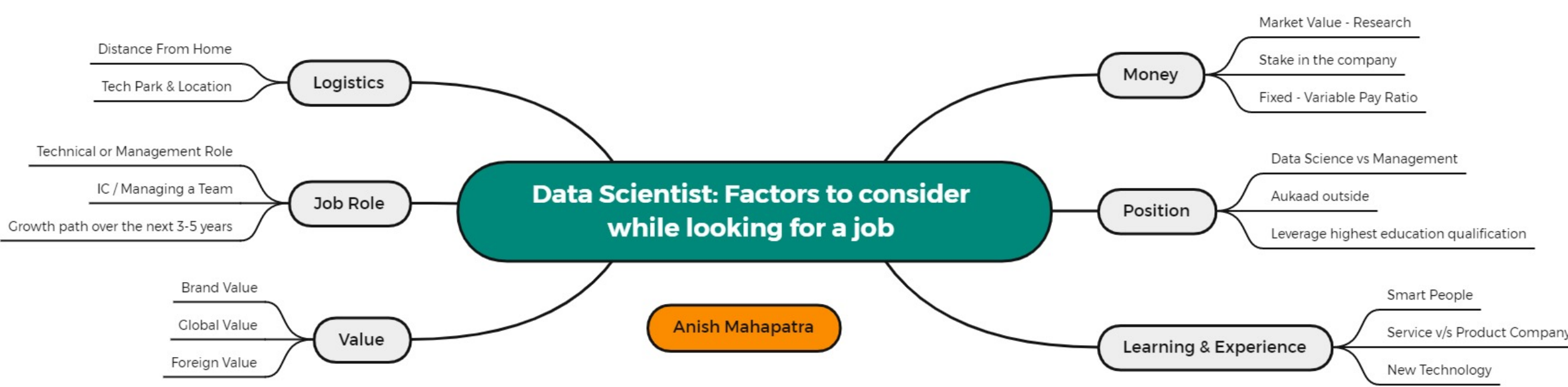
Demo

Job Search Strategies

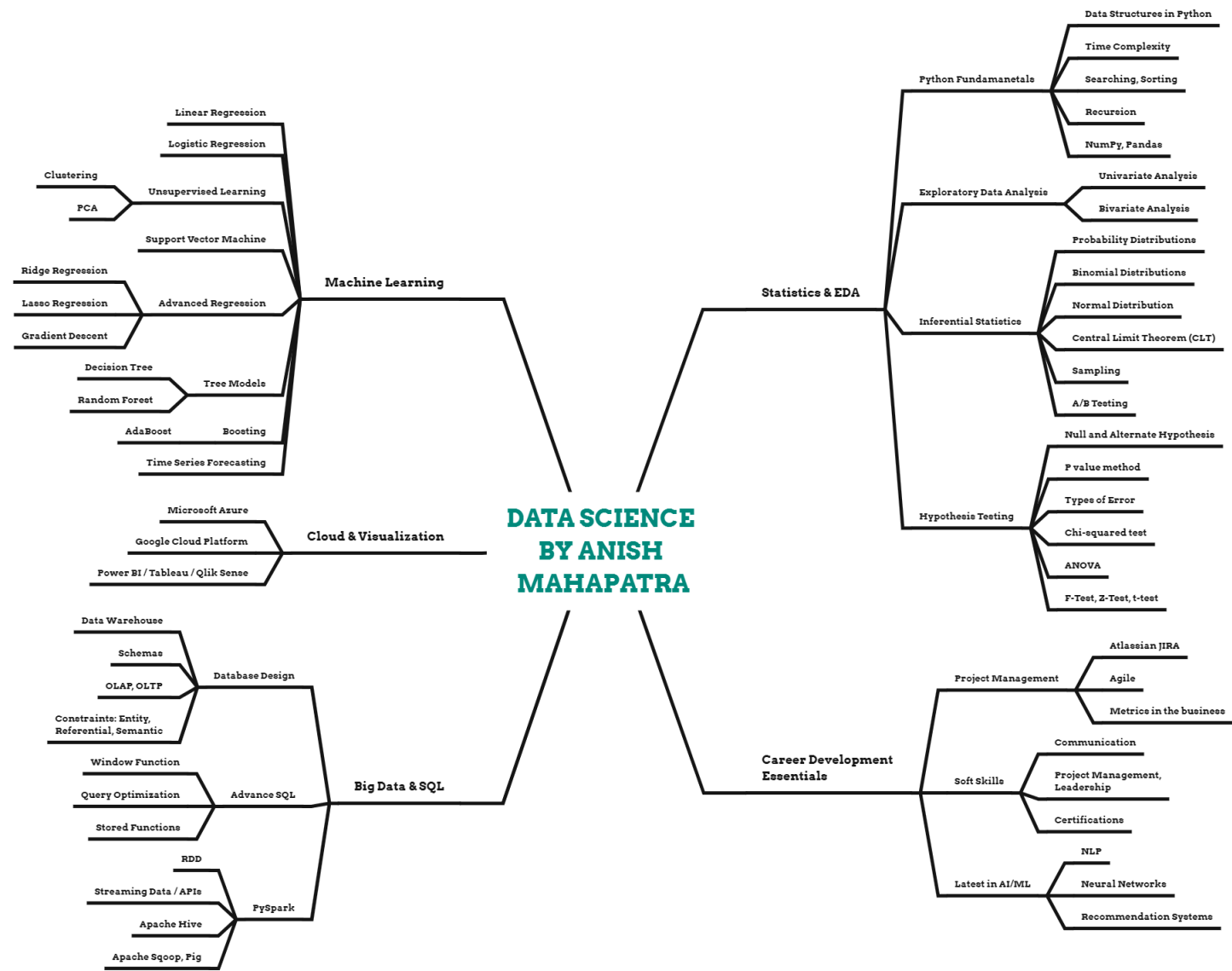
ANISH
MAHAPATRA

GOOGLE ME.

Factors to consider while looking for a job



Plan your Data Science prep



Expert Hacks

- 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.