

Data Analyst 3-Month Roadmap

Note: If you give 3-4 Hours dedicated time, daily 5 days in a week then you can become a good Data Analyst who is skilled enough to crack a good package.

Major Skills Required to become a Data Analyst and be Job Ready

1. Python(1 Month)
2. SQL(1.5 Months)
3. Data Analytics Skills(1 Month)
4. Data Visualisation Tool (1 Month)

**These Durations are considered when done in parallel approx 3 months are enough to cover these skills, but you can do it on your pace and take your time to practice the skills more.*

PYTHON

Duration-1 Month

1. Basics of Python -: [15 Minute Python Tutorial For Beginners In Hindi \(Full & Complete Python Crash Course\) \(youtube.com\)](#)
2. Pandas for Data Cleaning -: [\(3132\) Pandas Tutorial \(Data Analysis In Python\) - YouTube](#)

Note: Now you good to start but i will suggest to do Easy and Medium Questions from Hackerrank so that you can get good at problem solving and has better understanding of list,dictionary and other major concepts



You will grab batches like this that means you are good to go and great at problem solving skills.

Here are some top questions you need to do to get good hands-on and be confident on Python Skills, and the only rule is **“DON’T GIVE UP!”**


1. [Python If-Else | HackerRank](#)
2. [Loops | HackerRank](#)
3. [Write a function | HackerRank](#)
4. [Validating Email Addresses With a Filter | HackerRank](#)
5. [Lists | HackerRank](#)
6. [Tuples | HackerRank](#)

7. [String Split and Join | HackerRank](#)
8. [Introduction to Sets | HackerRank](#)

Great! You are done with Python and If you did all the problem solving questions, **kudos to you!!!**

SQL

Duration-1.5 Month

1. Basics of SQL -: [SQL - Complete Course in 3 Hours | SQL One Shot using MySQL \(youtube.com\)](#)
2. SQL Crash Course for Data Domain By Me -:
 [SQL IN ONE SHOT FOR DATA DOMAIN 🔥 | PART 1 | INTERVIEW READY SQL ...](#)

Note: Now you good to start but i will suggest to do Easy and Medium Questions from Hackerrank so that you can get good at problem solving and has better understanding of list,dictionary and other major concepts



You will grab batches like this that means you are good to go and great at problem solving skills.

Here are some top questions you need to do to get good hands-on and be confident on SQL Skills, and the only rule is “**DON'T GIVE UP!**”

1. [Japanese Cities' Attributes | HackerRank](#)
2. [Weather Observation Station 1 | HackerRank](#)
3. [Weather Observation Station 6 | HackerRank](#)
4. [Weather Observation Station 8 | HackerRank](#)
5. [The PADS | HackerRank](#)
6. [Weather Observation Station 18 | HackerRank](#)
7. [The Report | HackerRank](#)
8. [The Report | HackerRank](#)
9. [Top Competitors | HackerRank](#)
10. [Weather Observation Station 20 | HackerRank](#)

Great! You are done with SQL and If you did all the problem solving questions, **kudos to you!!!** Try to solve more questions and be good at SQL as it really important skill for a Data Analyst

Tableau

Duration-1.5 Months


1. End to end Tableau Course -: [Tableau Full Course - in 3 Hours | Become a Data Visualization Rockstar | Beginner Level \(youtube.com\)](#)
2. Tableau Interview Asked Questions -: [Tableau Interview Questions & Answers | Top Tableau Interview Questions | FAQ | Simplilearn \(youtube.com\)](#)

Now as you are skilled in the Data Analytics Skills, it is important to make two major projects that will give you a practical hands-on the Data Analytics Skills and help in real-interviews

PROJECT

Duration-10 Days

Firstly Start with Guided Project Tutorial that will help you building that confidence! And make your Resume Strong.

1. Data Analyst Portfolio Project -:
 [Data Analyst Portfolio Project - SQL | Step-by-Step Guide From SQL Database to I...](#)
2. Data Analyst Project using Python -: [Python Project for Data Analysis- Exploratory Data Analysis | Data Analyst Project \(youtube.com\)](#)

JOB SEARCH PROCESS

Now this has to be followed when you are looking for a job, and has acquired the skill, start looking out on LinkedIn.

So, Here are some my Experience Videos that would be helpful to find out the job!

Want Personal Guidance??

You can connect me personally over here -: <https://topmate.io/anurag2410/>

Or Follow me on my other social Platforms here -: [Anurag Srivastava | Instagram | Linktree](#)

**GOOD
LUCK**