**Schedule (From 17th Dec 2022)**

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| Monday, Wednesday, Friday | SQL | Half hour (within office hrs) |
| Linux | Half hour (within office hrs) |
| Big Data - Trendy Tech (Offline) | 6:00 – 8:00 pm |
| Python | 8:30 – 9:00 pm |
| Data Structures | 9:00 – 9:30 pm |
| Tuesday, Thursday | SQL | Half hour (within office hrs) |
| Linux | Half hour (within office hrs) |
| Python | Half hour (within office hrs) |
| Big Data - Trendy Tech (Offline) | 6:00 – 8:00 pm |
| Data Structures | 8:30 – 9:30 pm |
| Saturday | Big Data - Trendy Tech (Offline) | 8:00 – 10:00 am |
| SQL | 10:30- 11:00 am |
| Linux | 11:30 – 12:00 pm |
| Python | 4:00 – 5:00 pm |
| Data Structures | 5:30 – 6:30 pm |
| Big Data - Trendy Tech (Online) | 7:30 pm |
| Sunday | SQL | 8:00- 8:30 am |
| Linux | 9:00 – 9:30 pm |
| Big Data - Trendy Tech (Online) | 10:00 am |
| Big Data- Revision | 3:00 – 5:00 pm |
| Python | 5:30 – 6:00 pm |
| Data Structures | 6:30 – 7:00 pm |

**Weekly total hours:**

SQL – 3:30 hrs

Linux – 3:30 hrs

Python – 4 hrs

Data Structures – 5 hrs

Big Data (Offline) – 12 hrs

Big Data (Online) – 4 hrs

Big Data (Revision – 2 hrs

NOTE : Study hours may vary due to office hours and Big data course

Big Data –

1. Trendy Tech

SQL

1. Trendy Tech - [SQL tutorial for everyone by Sumit Sir - Trendytech - YouTube](https://www.youtube.com/playlist?list=PLtgiThe4j67rAoPmnCQmcgLS4iIc5ungg)
2. [SQL Tutorial - Essential SQL For The Beginners](https://www.sqltutorial.org/)

Linux –

1. ProgrammingKnowledge- <https://www.youtube.com/playlist?list=PLS1QulWo1RIb9WVQGJ_vh-RQusbZgO_As>

Data Structures –

1. Udemy ­(Shibaji Paul) - [Fundamental Data Structures & Algorithms using C language. | Udemy](https://www.udemy.com/course/data-structures-stack-queue-linkedlist/)
2. Neso Academy - [Data Structures - YouTube](https://www.youtube.com/playlist?list=PLBlnK6fEyqRj9lld8sWIUNwlKfdUoPd1Y)

Python –

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**TIPS:**

1. Interview questions and answers: level 1-2-3

2. Class notes during the lectures as much you could - listen very carefully: apply all comprehension technique; don't just scribble everything, free mindful comprehension (updation in notes after the lectures - additional points/doubts clarified)

3. Python: assignments + projects

4. Data structures: Practice questions + problem solving

5. SQL + Linux (first 2 months) + DBMS (80% after 2 months) : interview prep

6. Basics of computer science fundamentals: DAA, OS, CN, etc.

7. Forums e.g - itvarsity