

Ankul Maurya

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SUMMARY

I'm well versed with software such as MS Power BI and Tableau(business intelligence, data visualization, and automated dashboards/reports), MySQL (data storage and querying), Python(machine learning and text mining), MS Excel (exploring data, data cleaning, and ETL)

EXPERIENCE

Serverwala Cloud Data Center

March 2024 – Present

Data Analyst

Mumbai

- Conducted web scraping using **Requests**, **BeautifulSoup**, and **Selenium** to extract, process, and store large datasets from websites and APIs efficiently
- Extracted and analyzed data to support strategic decision-making and operational improvements, ensuring actionable insights.
- Designed and developed **interactive dashboards and automated reports** to provide real-time data insights for decision-making
- Conducted statistical analyses using Python libraries such as **Pandas**, **NumPy**, **SciPy**, and **Statsmodels** to identify patterns and trends, enabling data-driven business strategies
- Utilized **SQL for data extraction, manipulation, and query optimization** to ensure accurate and timely insights
- Developed and maintained **predictive models to forecast trends and inform strategic planning** initiatives
- Ensured data accuracy and reliability through regular dataset updates and rigorous quality checks
- Leveraged **Python scripting to automate data-related tasks**, enhancing efficiency and accuracy in workflows
- Market Analysis: Monitored market trends and competitor activities to stay ahead of industry changes and capitalize on new business opportunities
- Project management: **Inter-branch coordination using Agile methodologies** to streamline processes and enhance collaboration

The Sparks Foundation

Jun. 2023 – Sep. 2023

Data Analyst and Machine learning Intern

- Conducted in-depth analysis of diverse YouTube streamer's datasets, revealing trends and insights
- Visualized global terrorism trends and patterns through interactive charts and graphs
- Developed** a comprehensive **Power BI dashboard for terrorism database analysis** and **python dashboard for YouTube streamers**, integrating crucial data for informed decision-making

PROJECTS

Time Series (Sales of the Company) | *Python, Pandas, NumPy, Matplotlib, MySQL*

Aug 2024 – Present

- Conducted Time Series Analysis, **Time Series Forecasting**, and planning based on sales data
- Undertook tasks such as **training, testing, evaluation, and hyperparameter tuning**
- Executed data **forecasting** by rebuilding the model on the entire training data and predicting future time periods (Training period: 2017 to 2024, **Forecast: 2024 to 2025**)

TECHNICAL SKILLS

Technical Skills: Python, Database (Mysql), Data Visualization (Power BI, Tableau), Excel, API, Postman

Core Skills:: Project Management (Agile, Scrum, Waterfall), Strategic Decision-Making, Data Cleaning, Data Analysis, Predictive Modeling, Business Intelligence, Statistical Modeling, Pattern Recognition, Data Exploration, Machine Learning, Customer Preference Analysis, Marking and Marking-Data Analysis

EDUCATION

Imarticus Learning

post graduation in Data Science and Machine Learning

Mumbai

2022 – 2023

DY Patil University

Master of Computer Application (CGPI – 8.65)

Pune

2020 – 2022

Shankar Narayan College of Arts and Commerce

B.Sc. in Computer Science (CGPI - 7.38)

Mumbai

2017 – 2020