

AVIRAL SINGH

CS UNDERGRADUATE

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<https://aviiii1402.github.io/Portfolio/>

Lucknow, India

OBJECTIVE

Computer Science graduate with a strong foundation in data analysis, machine learning, and data visualization. Seeking a Data Analyst role to leverage expertise in Python, SQL, and data visualization tools to transform complex data into actionable insights and drive strategic decision-making.

EDUCATION

BTECH IN COMPUTER SCIENCE

2020 - 2024

- Vellore Institute of Technology [CGPA - 7.85]

Higher Secondary Certificate

2018 - 2020

- G.D GOENKA PUBLIC SCHOOL [CGPA - 8.1]

SKILLS

- Technical Skills** Data Cleaning, Wrangling, Visualisation & Analysis, Statistics, DBMS, ML, DL.
- Soft Skills** Problem Solving, critical and analytical thinking, communication, adaptability.
- Programming Skills** Python, MySQL, R, Java, HTML, CSS, JavaScript.
- Tools/Framework** PyCharm, SQL Workbench, TensorFlow, Pandas, Jupyter Notebook, Power Bi, MS Excel, MS Word, Canva, VS Code.
- Certifications** Artificial Intelligence Analyst Certificate (IBM Externship), TensorFlow for AI, ML and DL Course Certificate (DeepLearning.AI), Databases and SQL for Data Science with Python (IBM)

EXPERIENCE

Intern in PSS department

June,2024 - August,2024

VIVO Regenvo Mobile Private Limited.

Lucknow, India

- Learned core PSS department operations, including NPL (New Product Launch) handling, methods to improve product strategies, and techniques to effectively target and engage WODs.
- Mastered creating and building dashboards, developing multiple advanced dashboards for Vivo to visualize key metrics and support strategic decision-making.
- Mastered the art of generating detailed project reports, utilizing advanced Excel techniques to support data-driven decision-making and reporting.

PROJECTS

PROJECT1 : MYTHIC VISION

- Developed a solution for foreign tourists to explore about the Hindu Gods when they visit India.
- Made a custom dataset of 10 Hindu Gods and applied various models to classify them achieving 95% accuracy on the models and deployed these models on an android application.

PROJECT2: Comprehensive Dashboard for Global Electronics Retailer (vivo)

- Cleaned and preprocessed large datasets using Python, ensuring data accuracy and consistency to support optimal visualization and insights.
- Developed a visually appealing 7-sheet interconnected dashboard, leveraging Power BI to create dynamic and interactive visualizations for comprehensive data analysis.

MORE DATA PROJECTS

- Customer Churn Prediction
- Rotten Tomatoes Movies Rating Prediction
- Fraudster Detection

MORE BI PROJECTS

- Sales Share Dashboard for Vivo
- Apple Music Streams Dashboard
- Udemy Courses Dashboard

CO-CURRICULAR ACTIVITIES

- Spearheaded the Tech team as the Technical Lead of the Blockchain Club, effectively leading and managing team members.
- Professionally engaged in football for six years, through my experience, I cultivated teamwork, discipline and leadership.