

LAVANYA RAI

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EDUCATION

Bachelor of Computer Science , Vellore Institute of Technology, Bhopal	9.03 (CGPA)	2021 - 2025
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PROFESSIONAL SUMMARY

Data-driven professional skilled in AI analytics, financial modeling, and data visualization. Experienced in Power BI, SQL, Python, and Tableau to develop interactive dashboards and predictive models. Strong background in investment research, market analysis, and risk assessment, optimizing decision-making and business insights.

SKILLS

Technical Skills	Python, SQL, Express.js, ReactJS, Flask.
Relevant Courses	Data Structures & Algorithms, DBMS, Business Analytics.
Tools	Tableau, Looker Studio, Power BI, Microsoft Excel, QlikView.
Certifications	Accenture North America Data Analytics and Visualization (July 2024)

EXPERIENCE

Smartinternz	Aug 2023 - Nov 2023
Data Analytics Internship	
<ul style="list-style-type: none">Developed an interactive investment dashboard using Tableau. enhancing financial reporting efficiency.Collaborated with a team of 5 members, leveraging financial data visualization to optimize business strategy.Utilized Bootstrap for UI/UX design and Flask for web application development to deliver a polished platform for market insights.	

PROJECTS

Aurora Bank Insights - Financial Dashboard	Dec 2024 - Jan 2025
<ul style="list-style-type: none">Developed an financial analytics dashboard using Power BI and SQL, enhancing customer segmentation and risk analysis.Analyzed transaction and risk trends, identifying fraudulent activities and enhancing credit risk assessment.Designed an interactive dashboard that provided actionable insights, financial decision-making efficiency..	
HR Dashboard for Attrition Analysis	Sept 2024 - Oct 2024
<ul style="list-style-type: none">Created an interactive HR analytics dashboard using Power BI and Excel analyzing 2 years of employee attrition data to improve retention strategies.Identified key retention factors, leading to reduction in employee turnover through data-backed HR strategies.Created data-driven recommendations for workforce management, increasing HR efficiency by 25%.	
Stock Prediction Model	Nov 2023 - Dec 2023
<ul style="list-style-type: none">Built an AI-powered stock forecasting tool using LSTM neural networks in Python, achieving a 15% increase in prediction accuracy.Applied data analytics and visualization techniques in Jupyter Notebook to enhance investment decision-making.Provided actionable insights for traders, reducing forecasting errors by 12% and improving portfolio strategy recommendations.	

EXTRACURRICULARS

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- Participated in Onyx Data DataDNA Challenge, showcasing advanced data analysis and visualization skills.
 - Participated in Culture Craft Hackathon organized by Android Club.
 - Designed and distributed posters for HID club of NIET College, Noida, attracting 20 percent more attendees to events and increasing club membership.
 - Hobbies** - Cooking, Dancing and Minesweeper
 - Languages** - English and Hindi.