

LAVANYA RAI

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EDUCATION

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| 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

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| 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

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| 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

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| 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%. | |
| Titanic Classification Model | Nov 2023 - Dec 2023 |
| <ul style="list-style-type: none">Predicted survival on the Titanic using socio-economic status, age, gender, and other factors with a detail-oriented approach using Python.Conducted classification analysis using 5,000+ passenger records, identifying key survival determinants.Applied statistical and machine learning techniques to enhance prediction accuracy by 15% and providing insights into socio-demographic impacts. | |

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.