Nivashini J

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🌐 nivashinijayaraj.github.io/portfolio.github.io

Career Summary

Results-driven Data Science Student with a robust skill set in Data Visualization, Machine Learning and Deep Learning. Proficient in Python, SQL, Tableau, and Power BI, with strong foundations in problem-solving, leadership, and data-driven decision making. Proven academic excellence, with a keen passion for leveraging data insights to drive business growth, innovation, and strategic decision-making.

Education

- **Bishop Heber College, Trichy** – M.Sc Data Science (2023–2025): 86.9%
- **Bharathiyar Arts and Science College for Women, Deviyakurichi** – B.Sc Mathematics (2020–2023): 90.1%
- **Bharathiyar Girls Higher Secondary School, Deviyakurichi** – HSC (2020): 74.8%
- **Bharathi Vidhya Mandir Matriculation School, Sitheri** – SSC (2018): 87.5%

Skills

Python Modules: Pandas, Numpy, Seaborn, Matplotlib, scikit-learn, TensorFlow, BeautifulSoup
Tools: Tableau, Power BI, Excel, MySQL, MongoDB, Hadoop
Platforms: Jupyter Notebook, Visual Studio Code
Typing Skills: English (Senior), Tamil (Senior)
Key Areas: Machine Learning, Deep Learning, Natural Language Processing
Soft Skills: Leadership (Team Lead in PG, Class Representative in UG), Curiosity for Learning, Adaptability, Problem-Solving

Achievements

- Awarded 2nd Place in Data Analytics Competition in Dexter Fest'24, Bishop Heber College
- Awarded 1st Place for Academic Proficiency in III B.Sc Mathematics
- Awarded 1st Place for Academic Proficiency in II B.Sc Mathematics
- Awarded 2nd Place for Academic Proficiency in I B.Sc Mathematics
- Awarded 1st Place in PowerPoint Presentation in III B.Sc Mathematics

Projects

- **Advanced fake job scam detection and Job verification using ensemble learning and API Integration:** Developed an System to detect fake job scams using ensemble learning and real-time API verification. Integrated Google Search API to validate company legitimacy, job postings, and hiring status and Reviews of the job and the company. Enhanced fraud detection accuracy using machine learning, deep learning, and external data verification.
  Link: https://github.com/nivashinijayaraj/Fake-and-real-job-posting-detection

- **Machine Learning - Life Insurance Premium Prediction:** A machine learning model that predicts premiums based on customer data, including BMI,premium affordability, and occupation risk. Utilizing Lazy Predict, multiple models were trained and evaluated the best solution.
  Link: https://github.com/nivashinijayaraj/ML

- **Accenture North America Data Analytics and Visualization:** Delivered insights for client "Social Buzz" using real-time data analytics.
  Link: https://github.com/nivashinijayaraj/Accenture-North-America-Data-Analytics-and-Visualization-Job-Simulation-on-Forage—September-2024

- **Data Analysis with Tableau:** Comprehensive analysis of financial performance of leading banks.
  Tableau analysis of leading bank's financial performance using nancial statements, KPIs, market trends,and more to inform decision-making and strategic planning for stakeholders
  Link: https://github.com/nivashinijayaraj/Comprehensive-analysis-of-financial-performance-Insights-of-leading-banks

Professional Experience

- **AI Developer:** Trio Devs (May–Aug 2024)
- **Machine Learning Intern:** DLK Technologies (May–Jun 2024)

Certifications

- **Introduction to Biostatistics:** Swayam-NPTEL (Jul–Sep 2023)
- **Data Analytics with Tableau:** NAAN MUDHALVAN (Jul 2023)
- **Machine Learning with Python:** Coursera (Dec 2023)
- **Natural Language Processing for Machine Learning:** Infosys (Jan 2024)
- **What is Data Science:** IBM Coursera (Oct 2023)
- **Azure Fundamentals:** Microsoft (Jul 2024) – Score: 910/1000
- **Big Data Analytics with Hadoop and Spark:** LinkedIn Learning (Sep 2024)

Volunteership

- **NSS Volunteer:** Attended National Integration Camp in Odisha (Dec 2021) representing Tamil Nadu
- Participated in Special Camp (Dec 2021–Jan 2022)