# Nivashini J

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## Career Summary

Data science student with a strong foundation in Machine learning, and programming. Proficient in Python, SQL, and Data Visualization tools. Eager to apply academic knowledge to real-world projects, contributing to innovative solutions and gaining hands-on experience in a professional setting.

## Education Qualifications

- **BISHOP HEBER COLLEGE, TRICHY-M.SC DATA SCIENCE** (till recently concluded semester) **(2023-2025)**
  85.3%
- **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, Matplotlip, scikit-learn, BeautifulSoup
- **Tools:** Tableau, Power BI, MySQL, Mango DB, Hadoop
- **Platform:** jupyter notebook, visual Studio code
- **Typewriting - English** (senior) **TAMIL** (Junior)
- **Machine Learning with python**
- **Natural language Processing**
- **Soft skills:Leader ship** (1year representative-II UG - 2022, team lead - pg)

## Achievement

- 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 for Power point presentation in III B.Sc Mathematics

## Projects

- **Data Analysis with Tableau**
  **Comprehensive analysis of financial performance; insights from the leading banks.**

  Tableau analysis of leading banks' financial performance using financial 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

- **GUI Application - EXPENSE TRACKER**
  Expense tracker by tkinder library.
  Monitor spending, categorize expenses, and get budgeting tips.
  **Link:** https://github.com/nivashinijayaraj/Expense-Tracker-mini-project

- **Web Development - COLLEGE MANAGEMENT**
  A simple platform for student, faculty, and course management.
  **Link:** https://github.com/nivashinijayaraj/Web-Development-project.

- **Machine Learning - Predictive model for Life Insurance Premiums**
  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 to find the best solution.
  ### Link:
  https://github.com/nivashinijayaraj/Life_Insurance_plan-_prediction---Machine_Learning

- **Web development - Top-rated Perfume**
  Discover the best perfumes with in-depth profiles, popularity and benefits explained, and direct links to official websites for purchase, enhancing user engagement and driving traffic to brands.

- **Accenture North America Data Analytics and Visualization**
  Leveraging real-time Data analysis and visualization skills to drive business insights for "Social Buzz," a social media client. Successfully extracted actionable trends from complex datasets, crafted compelling narratives, and presented findings to stakeholders through engaging visualizations and presentationspresentations.
  ### Link:
  https://github.com/nivashinijayaraj/Accenture-North-America-Data-Analytics-and-Visualization-Job-Simulation-on-Forage---September-2024

## Certifications

- **Introduction to Biostatistics** - Swayam-NPTEL (Jul-sep-2023)
- **Data analytics with Tableau** - NAAN MUDHALVAN-PROJECT (16-07-2023)
- **Typewriting - ENGLISH** (Senior - First class with Distinction) 2022-2023
- **Typewriting-TAMIL** (Junior- First class with Distinction)) 2023-2024
- **What is Data Science** - IBM - Coursera(02-10-2023)
- **Natural language Processing for Machine learning with Python** - Infosys (09-01-2024)
- **Neo4j Fundamentals -** Neo4j Graph Academy
  (08-10-2023)
- **Machine learning with Python -** coursera (04-12-2023)
- **Azure Fundamentals** - Microsoft Certified Course - Score - 910 out of 1000
  (06-07-2024)
- **Accenture North America Data Analytics and Visualization Job Simulation** - Forage - Project - **Social Buzz**
  (19-09 2024)
- **Big Data Analytics with Hadoop and Apache Spark** - Linkedin Learning
  (21-09-2024)

## Internship

- **Web Development** - Code Bind Technology
  (23-01-2024 to 01-02-2024)
- **Web Development** - DLK Technologies
  (16-04-2024 to 16-05-2024)
- **Machine Learning** - DLK Technologies
  (17-05-2024 to 17-06-2024)
- **AI Developer** - Trio devs
  (10-05-2024 to 10-08-2024)

## Volunteership

- **NSS** volunteer
- Attend **National integration camp** in Odisha - 2021 - behalf of tamil nadu.
- Attend **Special camp** (29-12-2021 to 04-01-2022)