NIVETHA K
Data Scientist

Tiruchirapalli, Tamilnadu
knivetha2453@gmail.com

github.com/NivethaDataScience
linkedin.com/in/nivetha-kamaraj-759283257

EDUCATION

Master of Science in Data science, *Bishop Heber College*
CGPA - 8.72
Expected graduation period

Bachelor of Science in Computer Science, *STET Womens College*
CGPA - 9.3
Aug 2020 - May 2023

HSC | *Sri Shanmuka Matric Hr Sec School, Mannargudi*
Percentage - 73%
April 2020

SSLC | *Asoka Sishu Vihar Matric School, Mannargudi*
Percentage - 90%
April 2018

SKILLS

Languages:	C, Python
Database:	SQL, MongoDB
Frameworks:	Numpy, Pandas, Matplotlib, Scikit-learn
Tools:	Tableau, PowerBI, MS Office
Others:	NLP, Machine Learning, Deep Learning
Platforms:	Jupyter, VS Code
OS:	Windows
Soft Skills:	Communication, Teamwork, Time Management, Presentation Skill

TECHNICAL EXPERIENCE

AI RESEARCHER INTERN
Trio Devs Digital Serivices
05 2024 — Present
Tiruchirapalli, Tamilnadu
- Led AI research initiatives,developing cutting-edge algorithms in NLP, computer vision, and ML.
- Created novel AI models, leveraging deep learning and neural network architectures.
- Analyzed large datasets, extracting actionable insights to drive decision-making.
- Collaborated cross-functionally to develop AI-driven products and services.

DATA SCIENCE INTERN (Remote)
Unified Mentor Private Limited
05 2024 — 07 2024
Gurugram,Haryana
- Learned Python, data analytics with NumPy and Pandas.
- Created visualizations using Matplotlib, Tableau, and Power BI.
- Analyzed real-world datasets and presented insights.

PROJECTS

Weather Analysis - Python and Tkinter |*Link*
Created a weather analysis tool using Python and Tkinter. Fetch weather data via OpenWeatherMap API, parsing relevant information like temperature. Develop a GUI with Tkinter, allowing user interaction to input location and update weather data.Handle errors gracefully.Enhance with features like refreshing data and styling the GUI.

Instagram Reach Analysis |*Link*
Instagram Reach Analysis focuses on analyzing Instagram reach to help users and businesses maximize their social media presence. By collecting and examining data on post performance, follower engagement, and hashtag effectiveness, and provide actionable insights. This analysis highlights peak engagement times, optimal content types, and demographic trends. Using advanced analytics tools, I deliver detailed reports and recommendations for growth. This project aims to empower users with data-driven strategies to enhance their visibility and interaction on Instagram. Ultimately, My goal is to transform Instagram profiles into powerful platforms for influence and connection.

CERTIFICATIONS

Azure Fundamentals from Microsoft	*Certificate*	2024
Advanced Google Analytics from Google Analytics Academy	*Certificate*	2024
Natural Language Processing[Building Real World Projects] from Udemy	*Certificate*	2023
Artificial Intelligence by Crash Course from Cursa	*Certificate*	2023
Python for Datascience, AI and Developement from Coursera	*Certificate*	2023
Advanced Diploma in Computer Programming from CCS	*Certificate*	2023