

Vikas Jangid

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DATA SCIENCE

I am a skilled data scientist with expertise in **Python, SQL, and R**. I have a strong background in **Machine Learning** and **Deep Learning**, and am proficient in using **Power BI** for advanced data visualization. My experience spans a range of data analysis techniques and frameworks, equipping me to manage complex datasets and extract actionable insights with precision.

TECHNICAL SKILLS

Languages	: Python, SQL, R
Frameworks	: TensorFlow, Keras, scikit-learn, Pytorch
Libraries	: Pandas, NumPy, Matplotlib, Seaborn, Polars, SciPy
Databases	: MongoDB, MySQL
Visualization Tools	: Power BI, Tableau
Dev Tools	: Visual Studio Code, Git, GitHub, Jupyter Notebook, MongoDB Compass, MongoDB Atlas

EDUCATION

Chandigarh University	Chandigarh, India
Master of Science in Data Science	August 2023 – Expected June 2025
University of Rajasthan	Jaipur, Rajasthan, India
Bachelor of Science in Mathematics	July 2018 – June 2021

PROJECTS

Air Pressure System Detection	Python, Machine Learning, TensorFlow, Git	Source Code
<ul style="list-style-type: none">Developed a machine learning model to predict air pressure system failuresImplemented data preprocessing and feature engineering using Python and TensorFlowAchieved high accuracy through model tuning and evaluation		
Movie Recommendation	Python, Flask, Git	Source Code
<ul style="list-style-type: none">Created a movie recommendation system using collaborative filtering techniquesBuilt a web application with Flask to serve recommendationsStored and managed data using SQLAlchemy with a relational database		
Heart Disease Prediction	Python, Scikit-learn, Pandas, Git	Source Code
<ul style="list-style-type: none">Developed a predictive model for heart disease using historical patient dataUtilized Scikit-learn for model training and evaluationApplied data visualization techniques to interpret model results		
Sales Insights Data Analysis	Power BI, SQL, Git	Source Code
<ul style="list-style-type: none">Conducted data analysis and visualization using Power BIDeveloped SQL queries to extract and transform data for insightful reportsGenerated actionable insights to drive sales strategies		
Audio Classification	Python, Deep Learning, Keras, Git	Source Code
<ul style="list-style-type: none">Built a deep learning model to classify audio signals into various categoriesUtilized Keras for model design and trainingAchieved high classification accuracy with advanced preprocessing techniques		

CERTIFICATIONS

- Complete Machine Learning, NLP Bootcamp MLOPS & Deployment by Udemy
- Data Science Master by Pw Skills
- Data Mining by NPTEL
- Deep Learning: From Foundations to Cutting-Edge Techniques organized by UPES Dehradun