

Modi Yash Dipeshkumar

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SUMMARY

Aspiring Data Analyst skilled in Python, Power BI, and Machine Learning. Experienced in building predictive models and interactive dashboards, with a proven ability to deliver actionable insights.

EXPERIENCE

Data Analyst

EDUNET

December 2024 -January 2025, Haryana, India

EDUNET retails, services, and repairs PCs, laptops, IT hardware, and STEM products for schools.

- Analyzed data from 5+ sources, uncovering key trends to enhance decision-making and drive business strategies.
- Designed and optimized interactive Power BI dashboards, reducing report generation time by 40% for 50+ stakeholders.
- Automated data workflows, increasing reporting efficiency by 25%, ensuring timely delivery of insights to leadership.
- Identified trends that improved student retention by 15% and boosted engagement through targeted initiatives.

PROJECTS

Virtual Drag and Drop Web Application

www.linkedin.com/feed/update/urn:li:activity:7279848362722361344/ • December 2024 -January 2025

- Developed a drag-and-drop interface to enhance file organization and user experience.
- Supported 10+ file types for efficient management and real-time processing.
- Increased task completion speed by 25% and user engagement by 30% through advanced JavaScript.
- Deployed the application to a cloud server, ensuring 99.9% uptime for 500+ users.

Real-Time Stock Market Prediction Using LSTM Networks

www.linkedin.com/feed/update/urn:li:activity:7240203400749989888/ • September 2024 - October 2024

- Collected and preprocessed 5+ years of historical stock data for training.
- Built an LSTM model with 90% accuracy in predicting stock price trends.
- Improved forecast accuracy by 15% through hyperparameter tuning.
- Visualized trends and predictions with Matplotlib and Power BI, and deployed the model for real-time predictions every 15 minutes.

CERTIFICATIONS

Python for Data Science — Infosys Springboard

This certification was obtained through Infosys Springboard, an online learning platform focused on skills development in IT and related fields. • 2024

- Built foundational knowledge in Python for data analysis and machine learning, focusing on data manipulation and applying skills to real-world machine learning projects.

Introduction to Machine Learning — Great Learning

You earned this certification from Great Learning, an online education platform known for its courses on data science and machine learning. • 2024

- Gained expertise in machine learning algorithms, including supervised and unsupervised learning, essential for predictive modeling and time-series analysis (LSTM).

Power BI Workshop — Office Masters

This workshop was conducted by Office Masters, an organization that offers training and workshops on various office productivity tools, including Power BI. • 2024

- Learned to design interactive reports and dashboards using Power BI, transforming raw data into actionable insights for data science and analysis projects.

INVOLVEMENT

Data Analyst

Haryana, India • EDUNET • December 2024 -January 2025

- Analyzed educational data from 5+ sources, providing insights to improve decision-making and student engagement.
- Designed Power BI dashboards, reducing report generation time by 40%.
- Automated data workflows, boosting efficiency by 25% and contributing to a 15% improvement in student retention.

SKILLS

- Data Analysis & Visualization:** Proficient in Python (Pandas, NumPy), Power BI, and Excel for data extraction, processing, and visualization.
- Machine Learning:** Experience with predictive modeling, including LSTM networks for time-series forecasting.
- Deep Learning:** Familiar with TensorFlow, Keras, and neural network architectures (CNNs, RNNs) for advanced problem-solving.
- Programming:** Skilled in Python for data manipulation, with expertise in machine learning libraries like Scikit-learn, Keras, and PyTorch.
- Problem-Solving:** Strong analytical skills focused on finding scalable, efficient solutions.
- Teamwork & Communication:** Collaborative with excellent communication skills to explain complex concepts to non-technical stakeholders.