

KEVAL PRAJAPATI

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Results-Driven Data Analyst with over 3 years of combined experience in data science, analytics, and project management. Proficient in SQL for data extraction, transformation, and analysis, and Excel-based data modeling, automation (VBA, Power Query), and dashboard creation (Pivot Tables, Power BI). Skilled in Python, SQL, Power BI, TensorFlow, and AWS.

EXPERIENCE

Junior Project Manager - Venuiti Healthcare Inc, Waterloo, Canada July 2024 - December 2024

- Automated Jira compliance tracking using Excel-based dashboards & pivot tables, improving project transparency by 30%.
- Developed Excel macros & JS to streamline reporting, reducing manual effort and ensuring real-time exception tracking,
- Enhanced project management efficiency by generating daily update reports, aiding senior management in decision-making.

Data Scientist/ Machine Learning Intern - Vosyn, Etobicoke, Canada May 2024 - Aug 2024

- Utilized Excel (VLOOKUP, INDEX-MATCH, IFERROR) to validate and preprocess AWS-integrated ETL pipeline outputs, enhancing data integrity
- Implemented SQL queries to extract, filter, and aggregate data from company relational databases.
- Designed & deployed scalable ML models on AWS, with a 25% reduction in latency for production systems.

Data Analyst - ST 360 IT Consultants, India May 2020 - Sept 2021

- Enhanced data accuracy by 20% through rigorous cleaning and preprocessing using Python and SAP.
- Used Excel Power Query & Pivot Tables to clean, process, and analyze SAP-based financial datasets, improving data accuracy by 20%.
- Utilized SQL queries to extract and analyze project data from internal databases, ensuring accurate reporting.

Engineering Intern - Capgemini, India Dec 2019 - May 2020

- Developed a machine learning-based code review system, increasing coding accuracy by 20
- Improved data accuracy by 15% through EDA operations using Python and advanced Excel.
- Used SQL to extract and aggregate code review metrics, enabling insightful reporting.
- Facilitated agile collaboration by organizing weekly scrum meetings and presenting bi-weekly deliverables to directors.

PROJECTS

Building Emission Calculation and Analysis.- [Python,SQL, EDA, MS Excel, Power BI] Aug -Nov 2023

- Collected and preprocessed gas and electricity data using Excel (VLOOKUP, IFERROR, TRIM) for cleaning, handling missing values, and standardizing formats to ensure data accuracy.
- Designed Excel regression models & Power BI dashboards to forecast monthly energy usage using bi-weekly data, improving data accuracy for GHG emission reporting

Utilizing AI to invest in real estate - [Python,API, EDA, data cleaning, Power BI] Aug 2023 - Dec. 2023

- Applied unsupervised learning algorithm to customly created real estate dataset for a city to cluster the similar properties based on various attributes and representing them using Power BI dashboards.

Fast Fashion Demand Forecasting.- [Python, NLP,CNNs, RNNs, LSTM, LMU] May 2022 - July 2022

- A custom NN based appraael sales forecasting algorithm which beats the the state-of-the-art results by improving the WAPE by 20% and MAE by 17%. trained and tested unique combination of images, google trends and past sales data addressing the problem of overstocking and environmental issues associated with it.

EDUCATION

Master of Engineering in Electrical and Computer Engineering University Of Waterloo, Canada Specialized in Artificial Intelligence and Machine Learning (3.51/4.0)	May 2021- October 2022
Bachelor of Computer Engineering, CHARUSAT University, India (9.85 / 10)	July 2016 - May 2020

SKILLS

Technical Skills & Tools	Data Analytics, Project management, Python, MS Office (MS Excel), SQL Jira, SAP, Jupyter Notebook, Power BI, Tableau, AWS
Soft Skills	Process improvement, Communication, Collaboration, Strategic Thinking
Programming Languages	Python, C++, C, SQL, Postgre SQL, R
Python Packages	NumPy, Pandas, Matplotlib, Seaborn, TensorFlow, Scikit-Learn, OpenCV, Tkinter
ML and AI Models	Linear regression, Logistic Regression, kNN, Naïve Bayesian, and SVM Decision Tress, Random Forests, Single and multi layer NN, RNN, CNN, LSTM
Data Vizualization Tools	Tableau, PowerBI

TRAINING AND CERTIFICATIONS

Neural Networks and Deep Learning - Deep Learning.AI, Coursera, Remote	Jan 2024 - June 2024
Postgre Essential Training - LinkedIn Learning, Remote	June 2024
AWS S3 basics - Capstone project, Coursera, Remote	Apr 2024 - June 2024
Learning Amazon Sagemaker - LinkedIn Learning, Remote	Mar 2024 - May 2024

VOLUNTEER EXPERIENCE

Webmaster - IEEE Waterloo Section, Waterloo, Canada	Feb 2022 - Present
<ul style="list-style-type: none">• Website maintenance including content update, plugin, theme update, social media integration and bug fix.• Co-ordinate and communicate with the chairs and secretary for latest information and present ideas for website.	
Mentor - University of Waterloo, Waterloo, Canada	Sept 2021 - April 2022
<ul style="list-style-type: none">• Guided a group of new students through university orientation, offering personalized support.• Assisted with course selection and explained academic and administrative processes.• Provided hands-on support for navigating university software and tools	