Aditya Patel

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SUMMARY

Result-driven professional with a passion for data science, seeking to embark on my journey in this evolving field. My dedication drives me to continually develop industry-specific skills and educate myself with the required knowledge. My learning is not limited to data science, but also extends to science, engineering, and finance. With a commitment to precision and a thirst for knowledge, I am poised to make a significant contribution to the world.

SKILLS

Programming Languages : Proficient in Python, R, and SQL.
Data Analysis Tools and Frameworks: PowerBi, Scikit-learn, Numpy, Pandas, Excel
Technical Skills : Data Analysis, Data Visualization Techniques, Data Manipulation.

Professional Experience

Business Analyst   Feb 2022 - Mar 2023
Capline Services   India
- Effectively utilized **SQL** for our Healthcare provider and Insurance company databases, rigorously maintaining and updating **tables** to ensure the accuracy and integrity of data for Healthcare Providers
- Delivered monthly updates to the Healthcare Providers, showcasing data through meticulously prepared **Excel** charts

Senior Business Development Associate   Dec 2019 - Jul 2021
Byjus Think & Learn, Pvt. Ltd.   New Delhi, India
- Strategically executed both pre-sales and sales activities in B2C sales, employing proactive **cold-calling** techniques. Conducted client visits and prospect visits to foster relationships and drive sales. Utilized **CRM** software like **LeadSquared** for efficient lead management, while maintaining meticulous data organization and sales activity tracking through **Google Sheets.**

Management Intern   May 2018 - Jul 2018
Aligarh SmartCity   Aligarh, India
- Analyzed digital power meter data against expected citywide consumption **patterns** to detect electricity theft anomalies
- Provided data-driven **insights** and **visualizations**.

EDUCATION

M.S. in Data Science   Jan 2019 - Present
NJIT - Ying Wu College of Computing   Newark, NJ
- Relevant Coursework: Machine learning | Deep learning | Big Data | Data Mining & Analytics |Data visualization

Bachelor of Technology, Mechanical Engineering   Aug 2015 - Jul 2019
Dr. A. P. J. Abdul Kalam Technical University   India
- Relevant Coursework: Calculus | Probability and Statistics | Discrete Mathematics

ACADEMIC PROJECT

- Conducting **Machine Learning** project in **Python** using regression and classification techniques with libraries including **scikit-learn**, **NumPy**, **Pandas** and **Matplotlib** to predict health risk factors related to smoking and drinking
- Currently developing a Universal Athlete Contract **Database Management System** using **SQL** and ER diagram tool **Lucidchart**.
- Conducted a research project to analyze the fracture behavior of composite materials, identifying the crack opening displacement in an Epoxy + Alumina Composite through 3D simulation and analysis, and validated results against analytical solutions using tools such as **SolidWorks**, **ANSYS**, and **Excel.**

CERTIFICATIONS

Bloomberg Market Concepts   Sep 2023 - Present
CFA institute Investment Foundation   Dec 2021
Corporate Finance Institute® (CFI)   May 2021

EXTRACURRICULAR ACTIVITY

- Held leadership roles in multiple college organizations including ISTE, SAE, and Student Activity Council during undergraduate studies