APOORV PATHAK

COMPUTER SCIENCE STUDENT

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WORK EXPERIENCE

Data Science Intern   January, 2023 – March, 2023
INNODATATICS, Gandhinagar

- Worked on an **Emotion Speech Recognition – NLP** project for the company's product called aispry which can predict emotions with an **accuracy of over 70%**.
- Built an **Anti–Money Laundering System** along with **pipeline architecture** and **interactive dashboards** for **business acumen and visualization**.
- Deployed **Machine Learning** models like **XGBoost**, **LSTM, CNN, Random Forest Classifier**, **LightBGM**, **Logistic Regression**, and **Decision Tree** using **streamlit** and **Django** frameworks having an **accuracy** of **99.3%**.
- **Supervised** a team of over **150 interns**.

Business Analyst Intern   May, 2023 – July, 2023
Zoplar, Gurugram

- Built a **Pricing Intelligence System** to analyse clients' conversion rate and determine the **margins** for the products resulting in a **50% increased client conversion rate**.
- Worked on the **Inventory Optimization** to help **reduce inventory holding costs** and **streamlined the process of inventory workflow.**
- Performed **web–scrapping** of competitors' websites to analyse the pricing level. Also found potential client leads by **web–scrapping** their contact details using **Google Maps API.**
- **Designed dashboards** to **analyse** the overall **operational activities** which helped reduce the blocked working capital, cleared the **procurement dues, & automated the process of data flow.**
- **Streamlined** and **automated** the flow of data from **WATI** to **Google Sheets** with the help of **APIs** and analysed the data to get **business insights**.
- **Supervised** the activities of the **Pre-Owned Devices Program** with the collaboration of **demand**, **sales**, and **operations team** to help the company generate **revenue & profits.** And helped the team in procuring medical devices **worth more than 22 Lacs.**

PROJECTS

Market Basket Analysis | Python, Data Analysis   GitHub: Project Link

- Market Basket Analysis is a data mining technique used to observe the purchasing pattern of the customers, it incorporates **Apriori Algorithm,** and other metrics like support, lift, antecedent, consequent, and more.
- This project visualizes & analyses the accidents count in different cities corresponding to liquor sales.

Jarvis – Audio Assistant | Python, Data Analysis   GitHub: Project Link

- Jarvis is an audio assistant that helps the user to shift through the tasks effectively and perform multiple activities simultaneously.
- It is capable of sending emails, browsing YouTube & Google, playing music, and other applications.

Business Analytics | Power BI, Data Analysis   GitHub: Project Link

ROLE OF RESPONSIBILITY

Secretary   July 2022 – May 2023
The Pensieve Club, Literature Committee

- Experience working in teams and organizing multiple events and competitions in the college fests.
- Official Member of the Core Support Team of the TEDxIIITV edition
  (Speaker – CA Nandini Agarwal and Anuj Kumar Sharma).

TECHNICAL SKILLS

Languages:	Python, Java, Google AppScript, HTML/CSS
Databases:	MySQL, PostgreSQL
Tools:	Google Sheets, Excel, Power BI, PowerPoint, ZOHO Inventory
Interpersonal Skills:	Problem Solving, Leadership, Communication, Strategic Thinking, Business Analytics

EDUCATION

Indian Institute of Information Technology, Vadodara, Gujarat   *2020 – 2024*
Bachelor of Technology in Computer Science Engineering