Eshaan Saraf

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Technical Skills: Tableau, Power BI, MS Excel, SQL (SQL Server, PostgreSQL), SSMS, MATLAB, R, Python (NumPy, Pandas, sklearn)

Certifications:

- Fundamentals of Data Analytics, NASSCOM, Dec. 2022
- Customer Analytics – Wharton School, Coursera, Nov. 2022
- Google Data Analytics – Specialization, Coursera, Apr. 2022
- Applied Machine Learning with Python, Coursera, Nov. 2021

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE – AI & ML)	Oct. 2020 – May 2024	VIT Bhopal University	9.01/10
Class XII	May 2020	Ambuja Vidya Peeth, Rawan	88.8%
Class X	May 2018	Ambuja Vidya Peeth, Rawan	80.08%

INTERNSHIP EXPERIENCE

Sofitra Analytics	**Data Science and Analytics** (Aug. 2022 – Oct. 2022) - Analyzed Twitter data, and performed topic modeling using LDA, NMF, BERT - Applied keyword extraction techniques (keyBERT, YAKE!, RAKE) using NLP on Tweets - Worked with OCR Engine to identify tabular data within images from scanned PDFs
VITyarthi	**Course Developer - Vision Without Eyes** (Apr. 2022 – Jun. 2022) - Developed an E-learning course for over 3000 students - Compiled and recorded theory and hands-on sessions on core topics of Computer Vision - Programmed models for Object Detection, Recognition, Image segmentation, and more

PROJECTS

Data Analytics	**Seattle Building Permits** (Dec. 2022) - Description: Analyzed 161,654 building permits issued in Seattle, US from 1986-2022, carried out cost, investment, permit, and category analysis and created dashboards - Technology: Spreadsheets, Power Query, Microsoft Power BI - Link and Results: https://bit.ly/power-bi-russia-sales **Car Sales in Russia** (Sep. 2022) - Description: Performed pre-processing, analysis, and pattern mining of 991,421 car sales based in 7 Russian regions for the data of 68 years and built stories - Technology: MS SQL Server, Tableau, MS Excel - Link and Results: https://bit.ly/3f1s0Ug
Data Science & Machine Learning	**Behavioral Segmentation of Supermarket Customers** (Apr. 2021) - Description: Conducted behavioral analysis of local supermarket customers and predicted the sale of the highest-selling products based on their seasonality with 95% confidence for sales boost and better CRM - Technology: Python, flask, scikit-learn, plotly - Team Project: 3 Members - Role: Technical Lead, ML engineer - Link and Results: https://github.com/Qatre-Innover/Marketing.git

ADDITIONAL INFORMATION

Achievements	- Ranked 8th in 8-hour long Kaggle Challenge ML Datathon, an inter-university coding challenge, Apr. 2022
Co-curriculars	- Hackerrank 5 star in SQL and Python
Responsibilities	- Outreach Committee – Core Member, AI CLUB, VIT Bhopal University, Mar. 2021 – Dec. 2021 - AI Conclave'21 – Volunteer, AI CLUB, VIT Bhopal University, Feb. 2021
Languages	- English, German, Hindi