

ADITYA SHARMA

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EDUCATION

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| • B.Tech, Information Technology | 7.53 CGPA | 2018-2022, Jaipur, Rajasthan, IN |
| Swami Keshwanand Institute of Technology, Management and Gramothan | | |

SKILLS

Programming & Scripting languages:	Python, bash
Frameworks & libraries	Pyspark, Flask, Scikit-learn, Numpy, Pandas, DataBricks, tensorflow
DataBases:	SQL- PostgreSQL, mySQL
Data Visualization:	R-ggplot2, Matplotlib, seaborn, Power BI
Machine Learning:	Unsupervised learning, Natural language processing, Statistical modeling, Forecasting techniques, Feature engineering, Model evaluation and validation, Hyperparameter tuning
Cloud:	Microsoft Azure(Data Lake Storage, Blob Storage, ADF, Azure ML), AWS (S3, EC2, Lambda)
Softwares & Tools:	Docker,Git,Github

EXPERIENCE

Associate Engineer	July 2022 - Oct 2023
ATCS - A Nagarro company	<i>Jaipur, Raj, IN</i>

- Utilized Python libraries such as Pandas, PySpark, and NumPy for comprehensive data analysis.
- Extensively used Power BI for data visualization, generating actionable insights critical for organizational decision-making.
- Generated HR reports with data sourced from azure synapse, disseminating reports to various employee groups with Row Level Security implementation.

Data Science Intern	Jan 2022 - July 2022
ATCS - A Nagarro company	<i>Jaipur, Raj, IN</i>

- Contributed to a project as a Data engineer, aimed at surpassing open-market alternatives through statistical analysis and machine learning techniques, we engineered pricing strategies to elevate client sales.
- Seamlessly integrated various data sources , leading to creation of data mart.
- Played a pivotal role in statistical analysis on large datasets and collaborative machine learning solution development.

PROJECTS

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- **PyCrawler:** Developed a robust Python-based web crawler to efficiently index web pages, leveraging technologies such as requests, BeautifulSoup, NLTK, asyncio, and sqlite3. Achieved optimized fetching, parsing, and storage of web content. Ensured scalability and reliability through comprehensive testing and performance tuning.
 - **Quora Duplicate Question detection:** Developed and trained an NLP model to detect duplicate questions with 75% accuracy using a Random Forest classifier. Utilized text preprocessing, feature extraction, and hyperparameter tuning to enhance performance.

ONLINE COURSES & CERTIFICATIONS

Open Source Software Development Methods	Coursera
Introduction to Big Data	Coursera
Using Python to Access web Data	Coursera
Learning Python for Data Science and Machine Learning Bootcamp	Udemy
Python For Data Science A-Z	Udemy

EXTRA-CURRICULAR ACTIVITIES

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- Hackathons: Participated in Amazon ML hackathon 2022
 - WorkShops: participated in IOT workshop 2020, Built a path finder robo using adruino.