

Sanjay Kumar Prasad

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Skills

- Data Science / Machine Learning: Data Visualization, Feature Selection, Supervised and Unsupervised Machine Learning
- BI Tool: Power BI
- Computer Languages: Python, C, C++
- Mathematics for ML: Algebra, Probability, Statistics, Calculus and Matrix
- Python Packages: Scikit-Learn, NumPy, Pandas, Beautiful Soup, Selenium Webdriver, Flask
- Databases: MySQL, MongoDB
- Cloud Deployment: Heroku, AWS
- OS Environment: Windows, Linux (Ubuntu, Linux Mint)
- Microsoft Office, REST API, Postman

Project

SENSOR FAULT DETECTION

- Project involves use of Machine learning to detect fault in sensors.
- The project is designed to be an end-to-end solution.
- Docker container are used to manage the software dependencies.
- Airflow is utilized for scheduling and automating the data pipeline.
- The final system is deployed on AWS for scalability and reliability.
- **Link:** [View Project](#)

YouTube Web Scraper

- Deployed a YouTube web Scraper Flask app using python and Selenium WebDriver
- Utilized Selenium webdriver to facilitate the scraping of YouTube content.
- Stored information in online databases Snowflake and MongoDB
- Demonstrated proficiency in Python, Flask, Selenium WebDriver, Snowflakes, MonogoDB, and Heroku.
- Showcased ability to work independently and manage a full-stack project from start to finish.
- Project is Deployed and successfully tested on Heroku
- **Link:** [View Project](#) | [Working Demo](#)

SALES MANAGEMENT

- A comprehensive Power BI dashboard that displays detailed information store sales and customer data.
- Providing a thorough analysis of sales trend and customer behavior.
- **Link:** [View Dashboard](#)

RESTCOUNTRIES API

- Experience creating a power bi dashboard using the rest countries API
- Developed a data visualization project using power bi to analyze key demographic and economic indicators for various countries.
- Utilized the rest countries API to retrieve relevant data and created interactive maps, charts, and tables to provide insights into country-specific data trends.
- Designed the dashboard to be user-friendly, allowing stakeholders to explore data and identify trends easily.
- Demonstrated proficiency in data analysis, visualization, and API integration.
- **Link:** [View Dashboard](#)

Experience

DATA SCIENCE INTERN | INEURON INTELLIGENCE PVT. LTD. | SEP 2022 - ONGOING

- Working on several data analysis project, including data cleaning, data visualization and predictive modeling using python.

TECHANICAL BLOG WRITING

- Technical writer on Medium focused on Python, SQL, and data science topics.
- Passionate about contributing to the data science community through education and knowledge-sharing
- **Link:** [Blog Link](#)

SUBJECT MATTER EXPERT | CHEGG INDIA PVT. LTD. | APRIL 2020 – PART-TIME

- Assisted students with their mechanical engineering coursework by providing solutions to complex problems.
- Developed high-quality solutions and explanations to engineering problems.

Education

- B. Tech in Mechanical and Automation | 2018 | G.B. Pant Govt. Engineering College
- Intermediate | 2014 | Nav Jeewan Academy Sr. Sec. School
- Matriculation | 2012 | Nav Jeewan Academy Sr. Sec. School

Certifications

- Certificate In Full Stack Data Science (2022- ONGOING)

Personal Details

- Marital Status: Unmarried
- Gender: Male
- Language Known: English, Hindi