

KANAK

(+91) - 9910605261 • iamkanak098@gmail.com • [linkedin](#) • New Delhi , India

Aspiring Data Analyst with hands-on experience in Python, SQL, and Power BI, focused on building scalable data pipelines and interactive dashboards. Experienced in real-time data extraction, cleaning, and visualization. Eager to support data operations in dynamic environments like tech-driven real estate or financial services.

PROJECT EXPERIENCE

Pet Skin Insights

Python | ML | MySQL | Matplotlib

- Designed and implemented a data pipeline to process and analyze pet skin disease images, ensuring efficient data flow and model training.
- Collected, cleaned, and preprocessed image datasets using Python, Pandas, and OpenCV, improving model accuracy.
- Optimized database management using MySQL to store and retrieve labeled disease data for ML models.
- Automated data ingestion from multiple sources, reducing manual data handling time by 30%.
- Built interactive visualizations using Matplotlib and Seaborn to track disease predictions.
- Collaborated with a team of five to integrate machine learning insights into a user-friendly interface.

E-commerce Price Tracking and Analysis

Python | MySQL | Power Bi

- Scraped job listings from multiple job portals using BeautifulSoup and Selenium, extracting details like job title, company, location, salary, and required skills.
- Processed and cleaned the extracted data using Pandas, ensuring accuracy and consistency.
- Stored structured job data in a MySQL database, optimizing queries for efficient retrieval.
- Built interactive data visualizations using Matplotlib and Seaborn to analyze job market trends, skill demand, and salary distribution.
- Automated data updates using a scheduled Python script, ensuring real-time insights.

COVI-19 Analysis and Visualization

Python | Power Bi | DAX function

- Collected real-time COVID-19 data using public APIs and web scraping techniques.
- Processed, cleaned, and structured large datasets using Pandas and NumPy for analysis.
- Stored the structured data in a MySQL/PostgreSQL database, optimizing query performance.
- Created interactive visualizations using Matplotlib and Seaborn to track trends in infection rates, recoveries, and fatalities.
- Built a Flask-based web dashboard for real-time COVID-19 insights and hosted it on Google Cloud Platform (GCP).
- Automated data updates and ETL workflows using Python scripts, ensuring up-to-date information.

EDUCATION

Vellore Institute Of Technology , Madhya Pradesh , Bhopal

2021-2025

Bachelor of Electrical Engineering

CGPA - 7.76 / 10

SKILLS & OTHER

Technical Skills: Python, MySQL, Machine Learning (ML), Data Visualization, Natural Language Processing (NLP), Statistical Analysis, Clustering, Data Collection, Web Scraping, Big Data Technologies

Soft Skills: Problem-Solving, Analytical Thinking , Communication Skills, Team Collaboration , Continuous Learning

Certifications : Cisco Data Analytics Essentials course

Achievements:

- Advanced to the 2nd round of the Datathon conducted by Karnataka cyber police , 2024.
- Participated in data-driven sales competitions like Kaggle sales prediction challenges. .

ADDITIONAL:

Languages: English, Hindi

Hobbies: Cooking & Baking, Crocheting , Playing volleyball, Playing Piano