Puneet Pahadia

DATA ANALYST

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📍 Kota, Rajasthan

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EDUCATION

Data Analytics Program
Masai School
Jan., 2023-Oct., 2023 | Bangalore

Masters of Technology
Power Systems Management
NIT Jaipur
2021-2023 | Jaipur

Bachelors of Engineering
Elelctrical Engineering
University Department, RTU, Kota
2017-2021 | Kota

TECHNICAL SKILLS

- PowerBI
- Python
- ETL
- Machine Learning
- MySQL
- Tableau
- Data Wrangling
- Data Visualization
- MS Excel
- IBM Watson & Cognos
- SPSS

SOFT SKILLS

Critical Thinking || Business Acumen
Curiosity || Collaboration

INTERESTS

Logic Building || Exploring New Things
Process Optimization

👤 ABOUT ME

Highly driven and ambitious data analytics enthusiast with a strong academic background in post-graduation. Dedicated to achieving excellence through continuous learning and a results-driven approach. Proficient in MS Excel, MySQL, Python, Tableau, and Power BI, with hands-on experience in building machine learning models and creating insightful dashboards.

WORK EXPERIENCE

Allsoft Solutions and Services Pvt. Ltd. (**Oct. 2023- Present**)
- Trained over 400 students in Python programming, emphasizing its application in data analysis and machine learning projects.
- Utilized Python and IBM tools such as SPSS Modeler to teach advanced data analysis techniques, including data visualization with PowerBI and cloud-based analytics with IBM Cloud and Watson Studio.
- Developed and led training sessions on machine learning concepts.

KEY PROJECTS

HBO-Ensemble: Based Building Energy Consumption Prediction 🔗
Tech Stack: Python, Pandas, Numpy, Mealpy, Seaborn, SQL
- Developed accurate energy consumption forecast framework.
- Evaluated algorithms using MAPE, RMSE, and accuracy metrics.
- Implemented HBO-Ensemble approach for enhanced predictive performance.

Instahyre -Job Analytics 🔗
Tech Stack: Python, Selenium, BeautifulSoup4, Pandas, Excel
- Led a job posting analytics project for Instahyre.com in mid-May 2023, involving over 650 job ads and 200+ companies.
- Created three tables using pandas DataFrames and developed an Excel dashboard with charts, graphs, and pivot tables to showcase key trends and insights.
- Presented essential findings, including Bengaluru as the city with the most job openings and the dominance of the IT industry, particularly in software/technology and data analytics, employing over 50% of workers.

Doctor Fee Prediction with Web Application 🔗
Tech Stack: Python, Beautiful Soup, Pandas, Flask, HTML
- Extracted Practo data via Beautiful Soup, and created structured tables for info.
- **Web interface development:** Crafted HTML-Flask page to input info; deployed app for seamless usage.
- **Achieved accuracy:** Evaluated models using MAE, and RMSE, and selected top-performing ones. A sensitivity analysis was performed.
- **Impactful outcome:** Enabled accurate consultation fee forecasts, showcasing strong ML and web dev skills.

SCHOLASTIC ACHIEVEMENTS

- Puneet Pahadia, Prerna Jain, Abhishek Harit, and Ashok Kumar Agarwal. **"Resilience Metrics for Integrated Energy Systems: A Review."** In 2023 *5th Biennial International Conference on Nascent Technologies in Engineering (ICNTE)*, pp. 1-6. IEEE, 2023. 🔗

- P.Pahadia, P.Jain, A.K.Agarwal, A. Prajesh and A.Harit. **"HBO-Ensemble: Based Building Energy Consumption Prediction"** *energy*. [Under Review]