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GitHub — LinkedIn — HackerRank

Summary

With expertise in Power BI and a strong foundation in Python, including Pandas, Matplotlib, NumPy, Seaborn, and Scikit-learn, I excel in data analytics and visualization. I create interactive dashboards using Power BI and develop machine learning models with Scikit-learn for predictive analytics.

Education

- **B.E. - Computer Science & Engineering, D.Y. Patil College of Engineering, Akurdi** (2021 - 2025) - **CGPA: 8 / 10**, Academic Gap: **0**

- **12TH, Shri Shivaji Vidhyamandir and Junior College, Aundh, Pune** (2021) - **MSBSHSE - Percentage: 82.50%**

- **10TH, Bhairavnath Vidyalay Khutbav, Daund** (2019) - **MSBSHSE - Percentage: 86%**

Skills

- **Data Analysis:** Python, Power BI, Pandas, Matplotlib, NumPy, Seaborn, Scikit-learn

- **Database Management:** SQL, MySQL

- **Microsoft Excel:** Data Analysis, Visualization, Pivot Tables

- **Data Mining:** Pattern Recognition, Data Cleaning

- **Machine Learning:** Model Development, Evaluation

- **Non-Technical Skills:** Communication, Presentation, Teamwork, Problem-Solving, Time Management

- **Statistics:** Descriptive Statistics, Inferential statistics

Certifications

- **Career Essentials for Data Analysis by Microsoft**

- **Data Analysis Using Python, Cognitive class**

- **SQL Certification by HackerRank** - Demonstrated expertise in database management and SQL querying.

- **Applied Data Science Using Python: Simplilearn**

Projects

- **T20 Cricket World Cup Analysis**
  - Created a Power BI dashboard for T20 World Cup 2022 analysis.
  - Provided insights into player performance for strategic decision-making.
  - Utilized interactive visualizations to track match statistics and player metrics over time.

- **Telecom Analysis Using Power BI Dashboard**
  - Developed a Power BI dashboard for telecom data analysis.
  - Analyzed customer data to identify trends and insights.

- **Mail Classifier (Ham or Spam) Using Machine Learning**
  - Built a machine learning model using Scikit-learn to classify emails as ham or spam.
  - Preprocessed email text using natural language processing techniques.
  - Achieved high classification accuracy through feature extraction and model optimization techniques.

- **Energy Price Prediction Using SARIMAX Model**
  - Developed an energy price prediction model using the SARIMAX algorithm to forecast energy prices based on historical data.
  - Built a Flask-based backend for model deployment, integrating the SARIMAX model for real-time predictions.
  - Created a user interface using HTML and CSS to allow users to input data and view predicted energy prices.
  - Optimized prediction accuracy by fine-tuning the SARIMAX model and validating results with real-world data.