Suryansh Prasad
Data Scientist
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Summary

Around 4+ years of experience in data science, analysis, and mining, complemented by a strong command of Excel for managing structured and unstructured. Experience in programming languages such as Python, R, SQL, and SAS, leveraging these languages for manipulation, analysis, and modeling tasks.

Skills

Methodologies: SDLC, Agile, Waterfall
Language: Python, R, SQL, SAS
IDEs: Visual Studio Code, PyCharm, Jupyter Notebook, KNIME
Packages: NumPy, Pandas, Matplotlib, SciPy, Scikit-learn, Seaborn, TensorFlow, Ggplot2, Plotly
Machine Learning Algorithm: Linear Regression, Logistic Regression, Decision Trees, Supervised Learning, Unsupervised Learning, Classification, SVM, Random Forests, Naive Bayes, KNN, K Means, CNN, Natural Language Processing (NLP)
Technologies: AWS, Azure, GCP, Data Bricks, Google Collab, Hadoop, Hive, HDFC, MapReduce, Pig, Kafka
Visualization Tools: Tableau, Power BI
Databases: MS SQL Server, MySQL, SQLite
Other Tools: Git, MS Office, Google Analytics

Experience

Data Scientist   **Jul 2023 – Present**
Berkshire Hathaway, USA

- Faced with diverse datasets across multiple projects, aimed to provide valuable insights and recommendations to drive strategic decision-making.
- Implemented a comprehensive analysis pipeline leveraging SQL, Python, and R to dissect large sets meticulously;
- Documented data science workflows and findings within Data Bricks notebooks or other documentation tools to ensure reproducibility and knowledge sharing.
- Systematized various machine learning algorithms such as linear regression, Logistic Regression, Decision Trees, Random Forests, K-nearest neighbors, and Convolutional Neural Networks for both supervised and unsupervised learning tasks.
- Employed Tableau and Power BI to create insightful visualizations that effectively communicate complex dataset findings.
- Leveraged KNIME's connectivity to databases, APIs, and other sources to access and process seamlessly.

Data Scientist Intern   **May 2022 – Aug 2022**
Freddie Mac, USA

- Faced with the need to lead and participate in projects while adhering to agile methodologies for efficient project management and alignment with business goals.
- Engaged in continuous professional development through active participation in industry conferences, workshops, and online courses focused on honing skills in SQL, R, and other pertinent technologies, fostering expertise in analysis and enhancing proficiency in relevant tools and methodologies.
- Established predictive models using linear regression for continuous variables and logistic regression for binary classification tasks, leveraging tools like pandas, NumPy, seaborn, SciPy, Matplotlib, and sci-kit-learn in Python.
- Explored and experimented with advanced techniques and integrations within KNIME to continuously improve science workflows.

Data Analyst   **Jan 2019 – Jul 2021**
Aplus Datalytics, India

- Operated diverse software for communication, report generation, and user behavior analysis, facilitating comprehensive insights into trends and behaviors.
- Leveraged MS SQL Server, MySQL, and SQLite databases to effectively store, manage, and secure structured data, guaranteeing accessibility and safeguarding integrity.
- Generated impactful visual representations using ggplot2, which increased the communicative value of data-driven presentations by 30%.
- Operated MS Office and Google Analytics to communicate findings, prepare reports, and gather insights into user behavior and trends.
- Produced comprehensive reports in Power BI, providing stakeholders with actionable insights and facilitating informed decision-making.
- Utilized Git for streamlined version control and collaborative coding, optimizing code management and enhancing teamwork efficiency.

Education

Master of Science in Business Analytics	Aug 2021 – May 2023
Clark University, Worcester, MA	(GPA 3.73/4)
Bachelor of Engineering in Computer Science	Aug 2014 – Jun 2019
Acropolis Institute of Technology and Research, India	(GPA 3.65/4)

Certifications

PCAP in Python Programming, Google Analytics, Advanced Google Analytics, Digital Marketing