Name: Amit Singh
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Objective
Result oriented professional with strong data visualization skills. Seeking to utilize visualization techniques and data driven experince as a Data Analyst.Coming with expert knowledge in SQL, Power BI and Python.

Skills
Database and programming languages: SQL, Data mining, Python, Java.
Data Visualization: Tableau, PowerBI
Statistical Techniques: Hypothesis testing, Regression Analysis
Certification: DataScience With Python, Fullstack BootCamp For Data Science

Education
University Name | Parul University,B.Tech(Computer Science)   Varodara | 08.2017 - 05.2021
Cumulative CGPA: 7.82
Relavant coursework: Big data analytics, statistics, mathematics, C, C++
Additional courses: Python, data mining, tableau, PowerBI

Experience
S&P Global | Data Analyst   Ahmedabad | 04.2021 - Present
- Collect and analyze financial data to identify trends and patterns
- Develop reports and dashboards to communicate insights and recommendations to clients
- Collaborate with cross-functional teams to identify key business metrics and KPIs
- Build financial models to provide insights into financial performance and identify areas for improvement

Projects
Plant Diseases Identification Using Machine Learning
- Developed and trained a Convolutional Neural Network (CNN) model to accurately identify plant diseases, achieving high levels of accuracy, precision, recall, and F1-score.
- Collected and preprocessed a large dataset of plant images, including data augmentation and normalization techniques to ensure data quality and consistency.
- Utilized visualization techniques such as heat maps and confusion matrices to better understand the performance of the model and provide actionable insights to stakeholders.
- Demonstrated the practical applications of the model, including its potential to help farmers detect and prevent plant diseases in real-world scenarios.
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Libaraiy Managament System
- Designed and developed a library management system using Python, Django, HTML, CSS, and JavaScript, providing key features such as user authentication, book inventory management, and borrower management.
- Created an intuitive and user-friendly interface using HTML, CSS, and JavaScript to improve the user experience for library staff and patrons.
- Utilized testing and quality assurance processes to ensure that the system met user requirements and was reliable and secure.
- Demonstrated the ability to work with a variety of technologies and to design and implement complex systems to solve real-world problems.

Interests
Cricket, Travelling, Reading Books