EDUCATION

EXPERIENCE

- Designed and implemented Python scripts for data cleaning, preprocessing, and analysis, improving data pipeline efficiency by 30%
- Developed machine learning models in Python for predictive analytics, enabling data-driven business decisions
- Leveraged AI techniques to automate repetitive tasks, reducing manual effort and improving productivity
- Built dynamic dashboards and visualizations using Python libraries like Matplotlib and Seaborn to communicate insights effectively
- Integrated Google Analytics data with Python for advanced analysis, enhancing customer behavior insights

- Automated data extraction and structuring of population datasets using Python, improving data accuracy and team collaboration
- Analyzed customer support data with Python to optimize response times and enhance operational efficiency
- Developed Python-based solutions to generate actionable insights, meeting strict deadlines for strategic decision-making
- Designed Python scripts to create dynamic reports and dashboards, significantly improving customer satisfaction and decision-making processes

- Built Python scripts to track key metrics, ensuring 99% data accuracy and improving data integrity and operational efficiency
- Collaborated with the development team to enhance analytics capabilities, using Python to improve data processing speed by 25%
- Leveraged Python for data preprocessing and analysis, producing Tableau dashboards that improved decision-making
- Supported cross-functional teams with Python-driven insights, enabling customer-focused initiatives

PROJECTS

- Developed a predictive analytics tool using Python and scikit-learn to forecast customer behavior, resulting in a 20% increase in sales
- Implemented data visualization techniques with Tableau to present insights to stakeholders, improving decision-making processes
- Collaborated with cross-functional teams to integrate the tool into existing systems, enhancing overall operational efficiency

- Automated data cleaning processes using Python scripts, reducing manual effort by 40% and improving data accuracy
- Utilized SQL queries to optimize data extraction and transformation, streamlining the data pipeline and enhancing data quality
- Conducted thorough testing and validation of the automation tool, ensuring reliable and consistent results for the team

SKILLS