

Sagar Chitre

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Summary

Insights and Reporting Data Analyst with expertise in enhancing data accuracy, and bridging cross-team collaboration through actionable dashboards using Tableau and Power BI. Skilled in streamlining ETL processes, predictive modeling (30% accuracy improvement), and optimizing large-scale data pipelines (40% capacity boost). Known for a precise and methodical approach to problem-solving, balancing intuition with concrete data to evaluate outcomes effectively.

Experience

Data Analyst, Illinois Institute of Technology, Chicago, United States **08/2024 – Present**

- Improved cross-departmental communication by 40%, reversing team struggle and limited engagement through resolving existing errors and improving end-user understanding through 10+ dashboards.
- Delivered technical reports guiding research deliverables by conducted high-level data analysis using R and SPSS to improve the lack of actionable insights from research data.

Data Analyst, Extern – Webacy, San Francisco, United States **09/2024 – 11/2024**

- Analyzed and labeled over 500 smart contract vulnerabilities, enhancing expertise in data categorization, risk assessment, and anomaly detection, applied K-means to analyze 200+ smart contracts, uncovering actionable insights into risk profiles.
- Conducted quality assurance checks on peers' data labels, ensuring 99% accuracy across datasets and improving data reliability.
- Conducted meticulous quality assurance checks on datasets, eliminating errors and improving reporting accuracy by 25%.
- Leveraged SQL, Excel, and Tableau to process and visualize complex datasets, enabling stakeholders to identify trends in smart contract risks effectively.
- Designed 5+ presentation decks to communicate insights to decision-makers, improving understanding of risk profiles by 40%.

Teaching Assistant – Data Warehousing, Illinois Institute of Technology, Chicago, United States **01/2024 – 05/2024**

- Managed course operations for 75 students, ensuring timely assignment completion and providing technical support on topics like Data Lakes, Warehousing DB Management, and Azure.
- Managed multiple student projects under tight deadlines, maintaining high-quality deliverables and ensuring timely completion.

Data Analyst, The Sparks Foundation, Mumbai, India **08/2021 – 07/2022**

- Reviewed technical documentation and designed Excel solutions to streamline workflows, reversing inefficiencies in financial reporting and boosting reporting efficiency by 25%.
- Enhanced capacity to process large datasets by 40% by using Python-based machine learning models, worked on and boosted scalability for big data processing.
- Increased project success rates by 20%, aligning product roadmaps with strategic goals by conducting ad hoc analyses enhancing previously present limited data-driven insights for development decisions.

Projects

- Formula-1 Cost Analysis Dashboard** - determined several dashboards providing context on cost involved to keep the sport afloat all-year round using Tableau.
- Uber Trip Analysis** - using SQL & Excel for data processing and analysis, Tableau for visualizations showing insights in efficiency of ride-sharing and availability throughout service areas.

Skills

Technical skills: SQL (Oracle, Query Design), Python (Pandas, NumPy, Matplotlib), R (SPSS), Power BI (DAX), SAS, Tableau, PowerBI, Advanced Excel (Pivot Tables/VBA), Cloud Platforms (AWS, Azure), Git Version Control, Hadoop, Spark, Crystal Reports

Core Competencies: Data mining and analysis, Data cleaning and preprocessing, Machine Learning, Statistical modeling and trend analysis, Database design and maintenance, Report generation and visualization, ETL Processes & Data Warehousing, Business Intelligence & Reporting, Statistical Analysis & A/B Testing, Process Optimization, Problem-solving

Certification : Salesforce Certified AI Associate, AWS Certified Cloud Practitioner, Career Essentials in Data Analysis by Microsoft, Python Essential Training, Data Science in Real Life

Education

Illinois Institute of Technology, Chicago, United States
Master of ITM, Data Analytics and Management

2024
GPA: 3.6 / 4.0