

Aditya Manne

"Data Science Professional | Expert in ETL, Data Warehousing, and Business Intelligence | Driving Data-Driven Growth Strategies"

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Professional Summary

- 5 years of experience in Data Science, Business Analytics, Project Management, Business Process Models, Financial Planning, and Accounting.
- Deep understanding of Business Intelligence and Machine Learning technologies with a strong Python, R, and SQL foundation.
- Expertise in Machine Learning Algorithms, Natural Language Processing, and Generative AI for building predictive models and deriving actionable insights.
- Strong quantitative and analytical skills for gathering, interpreting, and analyzing business data from various sources to support decision-making.
- Proficient in translating business objectives into clear, actionable requirements and navigating the entire project lifecycle from evaluation to deployment.
- Experienced in ensuring alignment with organizational goals through seamless solution development and deployment.
- Adept at presenting complex solutions to technical and non-technical audiences with strong written and verbal communication skills.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

Work Experience

Data Analyst and System Administrator

EARLY LEARNING COALITION OF FLAGLER AND VOLUSIA-Daytona Beach, FL

July 2024 to Present

- Designed and deployed cloud-based dashboards using AWS QuickSight and Tableau Cloud, enabling real-time data visualization and reporting for stakeholders.
- Built and maintained SQL databases, wrote complex queries, and performed data cleaning and transformation to ensure high-quality, actionable datasets.
- Developed and implemented data pipelines and ETL processes using SQL, AWS QuickSight, and Tableau Cloud, improving data integration and workflow efficiency.
- Conducted data analysis and query optimization in SQL to extract insights, identify trends, and support data-driven decision-making across departments.
- Automated data extraction from Webauthor and other databases using Python scripts and SQL queries, reducing manual data handling by 60% and ensuring timely, error-free reporting.
- Designed interactive dashboards using Tableau Cloud and AWS QuickSight to visualize key performance metrics, improving data accessibility and decision-making efficiency by 50%.
- Integrated Webauthor CRM with existing data sources via API connections and automation tools eliminating duplicate entries, improving data accuracy by 40%, and saving 20 hours weekly in manual reconciliation.
- Leveraged Webauthor, Excel (Power Query, Power Pivot), and SQL to analyze program data reducing report generation time by 45% and improving accuracy in monthly reviews.

- Developed custom data collection forms using Webauthor, reducing data entry errors by 30% and enhancing data integrity.
- Trained staff on Webauthor data management, SQL basics, and Tableau Cloud/AWS QuickSight, improving staff competency in self-service reporting by 20%.
- Created and maintained detailed documentation for Webauthor forms and processes using Scribe AI, ensuring 100% team accessibility and understanding of tool functionality.
- Implemented data security protocols in Webauthor and cloud platforms, ensuring 100% confidentiality of sensitive information and reducing security breaches to zero.
- Aligned Webauthor data collection, SQL-based reporting, and cloud analytics with grant deliverables, increasing compliance efficiency by 25% and enhancing project accountability.

Business Intelligence Analyst

Smart Grow Infotech-Tampa, FL

February 2024 to June 2024

- Developed interactive Power BI dashboards, improving decision-making speed by 40% through real-time portfolio insights.
- Integrated financial data into Azure SQL and automated reporting with Azure Data Factory, reducing silos and cutting report generation time by 50%.
- Designed a scalable financial data warehouse with Azure Synapse, reducing data processing time by 45% and streamlining advisory report generation.
- Implemented cost-optimization strategies and real-time data streaming from Azure Blob Storage, helping clients reduce expenses by 15% and decreasing data latency by 30%.
- Created financial KPIs and performance dashboards in Power BI, increasing portfolio review efficiency by 20% for senior management.
- Automated financial data cleansing with Azure Logic Apps, reducing manual tasks by 60% and improving reporting accuracy.

Data Science Intern

Forage-Tampa, FL

July 2023 to October 2023

- Utilized Python and SQL to manipulate and analyze large datasets, facilitating predictive modelling and decision-making processes. Conducted rigorous big data analysis to uncover crucial business insights, patterns, KPIs, and emerging trends to support critical business decisions.
- Implemented and optimized ETL data pipeline workflows in Azure for seamless data extraction, preparation, and modelling from diverse sources, resulting in a 40% reduction in data processing time and improved data accuracy.
- Created and published data insights and visualizations in Excel using advanced functionalities like Power Query and Power Pivot and monitored project progress with metadata Excel models and Tableau dashboards. Built financial models on customer data to predict sales leads and developed ad-hoc insights from the previous year's financials to forecast performance.
- Coordinated and facilitated leadership meetings, managing calendars and scheduling to ensure smooth operations and adherence to timelines.
- Skills – Python, SQL, Tableau, Excel, Azure.

Junior Data Analyst

Vesper Distributions- Vesper Group-Hyderabad, India

October 2018 to November 2021

- Collected and analyzed firm data through Azure SQL and HTML, enabling accurate multi-year demand forecasting; leveraged Advanced Excel and Tableau to provide descriptive insights and recommendations for pricing strategy optimization and Inventory planning, resulting in a 15% increase in revenue.
- Spearheaded the execution of prescriptive analysis using Python to modify the firm's forecast strategy, leading to a 20% reduction in forecast errors and improved planning accuracy. Forecasted users' consumption behaviour on a daily and monthly basis with an accuracy of up to 92%, while simultaneously performing cluster analysis to create user rankings, increasing sales by 20%.

- Built and deployed supervised data models to detect demand for products in real-time, with classification accuracy over time up to 93%. Maintained rigorous quality control at every stage of work, ensuring continuous improvement (CI), Process improvement (PI) and adherence to quality assurance standards throughout projects and analyses.
- Worked collaboratively with stakeholders in an agile project management framework to plan, design, and execute 3 new mobile features, to strengthen user engagement.
- Skills - Azure, Python, MySQL, MongoDB, Data Analytics, Tableau, PowerBI, Kafka.

Project Engineer Intern

Central Institute of Tool designing-Hyderabad, India

May 2018 to August 2018

- Managed supply chain and production operations in the manufacturing industry, using ERP systems and inventory management software to optimize workflows and reduce costs.
- Conducted data analysis and utilized tools like Lean Six Sigma and CAD software to streamline manufacturing processes and resolve bottlenecks.
- Skills - Supply Chain Management, Production Planning, Lean Six Sigma.

Business Analyst

Education

Master of Science in Engineering Management

University of South Florida - Tampa, FL

January 2022 to December 2023

Bachelor of Technology in Mechanical Engineering

Jawaharlal Nehru Technological University - Hyderabad India

August 2016 to November 2020

Skills

- iOS
- Google Docs
- Data Analysis
- Microsoft Excel
- Operations management (2 years)
- Sales support
- Model training
- Pricing
- C
- C++
- Tractor-trailer
- Database administration
- SPSS
- E-commerce
- GIS

- Market research
- POS
- Redshift
- Machine learning frameworks
- Financial planning
- Manufacturing
- Procurement
- Database design
- Writing skills
- Deep learning
- User acceptance testing
- SAFe
- IT
- Project management methodology
- DocuSign
- Adtech
- Seaborn
- Node.js
- Tableau
- Azure Docker
- Time management
- Scala
- JavaScript
- A/B testing
- SQL
- Magento
- Management
- XML
- Investment banking
- Identity & access management
- VBA
- Feature extraction
- Bloomberg
- MapReduce
- Analysis skills
- Performance marketing
- Analytics
- DB2
- Google Tag Manager
- Regression analysis

- Front-end development
- Pandas
- Apache Pig
- Scikit-learn
- Predictive analytics
- Forecasting
- Data warehouse
- Sales strategy
- Data collection
- ServiceNow
- Data extraction (3 years)
- Data science
- Profit & loss
- Business Requirements
- Project management
- Google Analytics
- Microsoft SQL Server
- Fraud prevention and detection
- Supply chain
- Oracle EBS
- Technical writing
- Machine learning libraries
- Data mining
- Power BI
- Confluence
- Relational databases
- Kanban
- SQL Server Management Studio
- Logistic regression
- Microsoft Access
- Supervising experience (3 years)
- Inventory management
- Product management
- Data visualization
- Proposal writing
- ERP systems
- Training & development
- AS400
- ETL
- ICD coding

- Statistical analysis
- Database management
- Dispatching
- Siebel
- Lean
- QlikView
- Computer networking
- HTML5
- Pivot tables
- Product development
- Requirements Gathering
- Demand planning (2 years)
- Project management software
- Cloud infrastructure
- Microsoft Office
- Matplotlib
- Statistics
- Help desk
- Communication skills
- Microsoft Word
- Hadoop
- EHR systems
- Logistics
- GitHub
- Snowflake
- Negotiation
- ISO 9001
- NumPy
- Data manipulation
- Computer science
- Retail sales
- Data structures
- Text mining
- Spark
- SharePoint
- Microsoft Powerpoint
- Financial services
- Scripting
- Presentation skills
- NoSQL

- EDI
- Production planning
- Operating systems
- SDLC
- Document management
- SciPy
- Java
- Enterprise software
- TensorFlow
- AWS
- Microsoft Project (4 years)
- GLM
- Project implementation
- Google Cloud Platform
- Information security
- Team management
- Mentoring
- Algorithms
- PL/SQL
- SAP S/4HANA
- C#
- SaaS
- Hypothesis testing
- Big data
- Test Cases
- SAP
- Continuous improvement
- Mac OS
- Kafka
- Windows
- MySQL
- Google Suite
- Jira
- Clustering
- Data lake
- R
- MRP
- Research & development
- Computer vision
- Slack

- S3
- Sheet metal
- Alteryx
- Power Pivot
- CRM software
- MongoDB
- Data analysis skills
- Program design
- Materials management
- Macros
- Active Directory
- SAS
- Data analytics
- Customer relationship management (3 years)
- Leadership
- Business Analysis
- Financial report writing
- CI/CD (2 years)
- Private equity
- Stakeholder management
- Cognos
- Driving
- MLOps
- Looker
- Quantitative research
- Organizational skills
- Software development
- Keras
- Customer service
- Requirements analysis
- Root cause analysis
- Warehouse experience
- Azure
- Project leadership
- Natural language processing
- Apache Hive
- Object detection
- Oracle
- Quantitative analysis
- DevOps

- Typing
- Lua
- Warehouse management system
- Python
- Time Series Analysis
- T-SQL
- Waterfall
- Quality assurance
- AI
- Business intelligence
- Electrical systems
- Relationship management
- Banking
- Project management lifecycle
- Trading
- Customer acquisition
- Budgeting
- Epic
- Financial analysis
- Jupyter
- Statistical software
- Supply chain
Management
- OOP
- DAX
- Data Modeling
- Visio
- PyTorch
- SSRS
- Julia
- Project scheduling
- CSS
- Financial modeling
- Productionizing models
- Agile
- APIs
- Software troubleshooting
- Software deployment
- Machine learning
- Databases

- TypeScript
- Marketing
- Git
- Cloud computing

Languages

- Bilingual

Certifications and Licenses

Technology Management Professional

December 2023 to Present

Project Management- Google

October 2022 to Present

Digital Manufacturing and Design Technology

December 2020 to Present

Series 6

Six Sigma Certification

Machine learning (ML) fundamentals

Certified Supply Chain Professional

CPA

Driver's License

Six Sigma Green Belt

Microsoft Certified: Power BI Data Analyst Associate

Certified Purchasing Manager

Six Sigma Black Belt

BCBA

CPPB

TS/SCI

Professional Engineer