Manoj Rajanna
Financial Analyst

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SUMMARY

Results-driven Financial Analyst almost 5 years of progressive experience across manufacturing, technology, and financial services industries. Expert in financial Modeling, forecasting, and data analytics with advanced skills in Python, SQL, Tableau, Power BI, and MS Excel. Adept at developing automated reporting solutions, driving process improvements, and delivering actionable business insights to senior management. Proven track record of partnering with cross-functional teams to optimize costs, improve forecasting accuracy, and support strategic growth initiatives.

SKILLS

- **Programming Languages:** Python, R, SQL, VBA
- **Methodologies:** SDLC, Agile, Scrum, Kanban, Waterfall
- **Data Processing & Streaming:** PySpark, Pandas, NumPy, SciPy, Airflow, Kafka
- **IDEs & Environments:** Visual Studio Code, PyCharm, Jupyter Notebook, Anaconda
- **Frameworks & Databases:** Flask, Django, MS SQL, MySQL, PostgreSQL, MongoDB, Snowflake, Airflow, Git, GitHub
- **Reporting Tools:** MS Access, MS Word, MS SharePoint, MS Project, MS PowerPoint, SAP Business Objects, Crystal Reports
- **Data Analytics & Visualization:** Tableau, Power BI, Microsoft Excel (advanced: Pivot Tables, VLOOKUP, Power Query), Matplotlib, Seaborn, Plotly, Jira
- **Financial & Statistical Skills:** Financial Analytics, Financial Modeling, Budgeting & Forecasting, Time Series Analysis, Statistical Modeling, SAP (FI/CO), Portfolio Risk Analysis, Corporate Finance, Derivatives, Fixed Income Analysis, Credit Risk Modeling, Market Trends Analysis, Structured Financing, GAAP, Financial Reporting, Variance Analysis, Scenario Planning, M&A Analysis
- **Business & Soft Skills:** Critical Thinking, Data Cleaning, Data Wrangling, Problem-Solving, Communication Skills, Stakeholder Management, Executive Presentations, Project Management, Business Development, Decision Support, Risk Assessment
- **Other Professional Skills:** Process Automation, Dashboard Development, KPI Tracking, Content Creation, Social Media Strategy, Digital Marketing, Branding, Continuous Improvement

EXPERIENCE

PNC Financial Services, Senior Financial Analyst, USA　　　　　　　　　**Jan 2024 – Present**

- Spearheaded the monthly financial forecasting and annual budget planning cycles for multi-site manufacturing operations, leveraging advanced Excel, Power BI, and SQL-based models to improve forecast accuracy by 18% and reduce budget variances by 15%.
- Designed and implemented automated dashboard reporting systems using Power BI and Tableau, integrating real-time data from SAP and ERP platforms, which cut manual reporting time by 30% and enabled senior leadership to make data-driven decisions more efficiently.
- Conducted detailed variance analysis and scenario modeling for plant operations and capital expenditures, utilizing Python and SQL to identify $600K+ in cost-saving opportunities and support strategic capital allocation.
- Developed and maintained complex financial models for M&A, capital investments, and long-term planning, incorporating Monte Carlo simulations, discounted cash flow (DCF), and sensitivity analysis to inform high-value business decisions.
- Collaborated cross-functionally with supply chain, engineering, and plant management teams to optimize operational costs, streamline inventory controls, and enhance the accuracy of audit processes by 20% through the deployment of automation tools and data validation scripts.
- Led the standardization of financial processes and procedures across locations, introducing process automation via VBA and Power Query, which increased overall reporting efficiency and minimized errors.

- Delivered high-quality financial presentations and custom management reports to the board of directors and executive leadership, incorporating advanced data visualization techniques and business intelligence insights to facilitate strategic discussions.
- Mentored and trained a team of 4+ junior analysts in the application of advanced analytics techniques, including the use of Power BI DAX functions, SQL querying, and scenario-based modeling for ad-hoc analysis.
- Provided audit and regulatory compliance support by preparing schedules, reconciling accounts, and implementing robust internal controls, resulting in zero discrepancies during annual audits and regulatory reviews.
- Championed continuous improvement initiatives within the finance department, identifying process bottlenecks and implementing Lean/CI methodologies to deliver measurable improvements in workflow efficiency and data integrity.

Maruti Tech Labs, Senior Financial Analyst, IND   Jul 2019 – Jul 2022

- Managed comprehensive budgeting and forecasting for a $250M+ annual operating plan, utilizing SAP Business Objects, Hyperion, and Tableau to enhance the accuracy, speed, and depth of executive financial reporting.
- Built and maintained automated Tableau and Excel dashboards for KPI tracking and performance monitoring, employing advanced formulas, Power Query, and VBA scripting to streamline reporting cycles and deliver actionable insights to leadership.
- Conducted in-depth pricing, margin, and profitability analyses across multiple product lines using SQL, Python, and scenario modeling, directly influencing strategic pricing decisions and contributing to a 10% improvement in gross margin.
- Automated core financial modeling workflows using Python pandas and NumPy libraries, reducing manual intervention by 35% and improving overall model accuracy and repeatability.
- Played a key role in M&A analysis, scenario planning, and strategic business development, providing executive management with clear, data-driven recommendations based on robust quantitative analysis.
- Collaborated with operations, engineering, and finance teams to align financial planning and forecasting processes, implementing cross-departmental workflows that improved forecasting accuracy and business alignment.
- Supported quarterly and annual external audits by preparing complex schedules, reconciling accounts, and delivering detailed variance explanations, ensuring full compliance with GAAP and internal policies.
- Conducted comprehensive variance, yield, and risk analysis using statistical modeling techniques and advanced Excel features, providing actionable recommendations that improved portfolio profitability by 12%.
- Partnered with auditors and regulatory examiners to provide detailed documentation and evidence of compliance, maintaining 100% audit and regulatory success throughout tenure.
- Provided training to finance team members on the use of Tableau, Power BI, and advanced Excel, increasing the department's overall analytical capability and self-service BI adoption.

PROJECT

1. Automated Budgeting & Forecasting Platform
- Integrated data pipelines using SQL and Python to consolidate multi-source financial and operational data, ensuring accuracy and consistency in forecasting models.
- Deployed advanced Excel models and Power BI DAX measures for automated variance analysis, enabling stakeholders to track budget performance, investigate anomalies, and take corrective actions in real time.
- Collaborated with business unit leaders to gather requirements and map key financial drivers, resulting in more dynamic forecasting models that improved alignment with actual business activities.
- Implemented audit trails and role-based access controls within the Power BI platform, enhancing data security and ensuring compliance with internal financial governance policies.

2. Margin Optimization & Scenario Modeling Dashboard

- Incorporated sensitivity analysis and scenario planning features using Python and Tableau parameters, empowering business leaders to assess the financial impact of market and cost fluctuations before making critical decisions.
- Automated monthly and quarterly reporting workflows by connecting Tableau with cloud databases, eliminating manual data pulls and significantly reducing reporting errors across business units.
- Linked Tableau dashboards to real-time ERP data streams, providing instant access to up-to-date cost, revenue, and margin data for management and finance teams.
- Developed custom alerts and KPI monitoring within the dashboard, enabling proactive identification of margin erosion and facilitating timely interventions to maintain profitability.

EDUCATION

Master of Science, Information Technology: Minnesota State University, Mankato, MN
Bachelor of Engineering, Computer Science: Visvesvaraya Technological University (VTU), India

CERTIFICATION

- Microsoft Certified: Data Analyst Associate (Power BI)
- Tableau Desktop Specialist
- Oracle Database SQL Certified Associate