

DEEPIKA SAMINENI

Financial Analyst

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SUMMARY:

Financial Analyst with over 3 years of experience delivering actionable insights through advanced financial modelling, data visualization, and ERP system optimization. Proficient in Excel, Python, Tableau, and Power BI for financial analysis and reporting. Experienced in database management and automation, with a strong foundation in corporate finance. A strategic thinker focused on driving business growth, improving forecast accuracy, and ensuring compliance through data-driven decision-making.

SKILLS:

**Methodology:** SDLC, Agile, Waterfall  
**Reporting Tools:** MS Excel, MS Access, MS Word, MS SharePoint, MS Project, MS PowerPoint  
**Visualization Tool:** Tableau, Power BI  
**Programming Languages:** SQL, Python  
**Packages:** NumPy, Pandas, Matplotlib, SciPy, Scikit-learn, TensorFlow, Seaborn  
**Other Skills:** SAP, Financial/Statistical modeling, Jira, Financial Analytics, Financial Modeling, Time Series Analysis and forecasting, Financial Risk, portfolio risk, Corporate Finance, Derivatives, Fixed Income, Investment Analysis, Credit Risk Modeling  
**Database Management Systems:** MySQL, MongoDB, T-SQL, Oracle Database, Microsoft SQL Server  
**Operating Systems:** Windows, Linux

EDUCATION:

<b>Master of Science in Quantitative Finance</b>	<b>Dec 2024</b>
Northeastern University, Boston, MA	
<b>Bachelor of Business Administration</b>	<b>May 2023</b>
Osmania University, Hyderabad, Telangana	

EXPERIENCE:

<b>Genworth, MA   Financial Analyst</b>	<b>Aug 2024 – Current</b>
<ul style="list-style-type: none"><li>Developed and refined business and financial models using Excel, providing precise and timely recommendations to management, which enhanced strategic decision outcomes by 15%.</li><li>Applied advanced statistical modeling and machine learning methods like regression analysis to identify trends and predict investment risks, supporting more effective portfolio management.</li><li>Generated ad hoc financial reports and automated dashboards using MS Excel, integrating Power Pivot, Power Query, VLOOKUP, and HLOOKUP to streamline analysis and enhance stakeholder reporting clarity.</li><li>Streamlined AP operations by configuring NetSuite workflows and automating invoice processing with Basware and Oracle, cutting manual workload by 30% and improving data accuracy across ERP modules.</li><li>Formulated and monitored interactive dashboards and KPIs using Tableau and Power BI, enhancing the clarity and accessibility of financial insights, contributing to a 20% increase in executive engagement with reports.</li><li>Partnered with cross-functional teams and department heads on AR reporting and variance analysis, uncovering cost drivers and improving revenue recognition accuracy.</li><li>Enforced financial policies through SAP, ensuring compliance, optimizing processes and delivering precise reports.</li></ul>	
<b>Infinite Infolab, India   Financial Analyst</b>	<b>Mar 2021 - Aug 2023</b>
<ul style="list-style-type: none"><li>Built automated Excel-based financial models using macros and Power Query for scenario forecasting and capital budgeting, improving forecast accuracy, reporting efficiency, and capital allocation decisions.</li><li>Managed data repositories using SQL and SharePoint, ensuring high data accuracy and availability for reporting, reducing retrieval time by 30%.</li><li>Analyzed and visualized a large financial dataset using Python and Power BI, leading to a 30% improvement in executive decision-making.</li><li>Conducted financial statement analysis and month-end reconciliations while integrating industry and market trends to inform investment decisions.</li><li>Monitored annual budgets using Excel such as array formulas to identify cost-saving opportunities and reduced operational inefficiencies by 15%.</li><li>Assessed credit and portfolio risk exposure, optimizing returns and increasing performance by 20%.</li><li>Led market and competitor analysis, aiding strategic positioning and contributing to a 10% rise in market competitiveness.</li><li>Participated in compliance audits and enhanced cash flow forecasting accuracy by supporting financial reporting reviews and aligning projections with regulatory standards.</li></ul>	

ACADEMIC PROJECTS

**Comprehensive Portfolio Analysis and Optimization**

- Conducted bond portfolio analysis using sensitivity analysis, duration, and convexity, to assess risks and propose immunization strategies.
- Constructed an efficient frontier in Python, identifying GMVP and maximum Sharpe portfolios, and achieved 15% higher returns than the SCP 500.
- Valued equities using pro forma modelling, FCF, and DDM, identifying market pricing discrepancies.
- Back-tested portfolios against the SCP 500 over 5 years to evaluate performance.
- Conceptualized Python and Excel for portfolio analysis and visualization, ensuring accurate and actionable insights.