

ASHUTOSH AGARWAL

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PROFESSIONAL SUMMARY

Experienced Senior analyst with 10+ years of expertise in data analytics, project management, and process automation, skilled in using Python, VBA, SQL, and Excel to deliver effective solutions. Proven track record in driving operational efficiency and cost savings through data-driven strategies for Fortune 500 companies, with a focus on financial services and performance optimization including experience in M&A, workforce strategy, performance analytics, process transformation and financial advisory services. I am also an author of 7 research papers in IEEE journals [DOI pending] and a certified ACM peer reviewer with experience of reviewing 20+papers for different internal journals and conferences.

EXPERIENCE

CBRE

New York, New York

Senior Business Analyst Lead

Aug 2023 - Present

Working for a financial institution client, with asset size around \$1.7T

Project Management Office:

- Act as a strategic advisor to the client stakeholders, identifying 10+ recurring pain points across cost control, forecasting and operational governance; delivered tailored solutions that enhanced financial reporting accuracy by 30%.
- Mentor a team of 3 Business Analysts, providing guidance on data-driven project execution, stakeholder communication, and analytics tool optimization, resulting in improved reporting accuracy and accelerated delivery timelines.
- Part of the development team of the centralized PM Web platform to analyze 60+ financial reports and forecast P&L impact, improving financial planning accuracy by 30% through data driven modeling and real time financial insights.
- Develop and execute PM Web test scripts to ensure the functionality and reliability of the system.
- Analyze PM Web project data to support move management processes, providing insights and recommendations for efficient operations.
- Design and implement 25 + automation tools using SAP, VBA and Excel to streamline reporting, increasing process efficiency by 35 % and enabling faster decision making by senior leadership.
- Facilitate change management by collaborating with EY and Accenture to transition 500+ projects from Smartsheet to Service Now, improving data governance and cutting costs by 60%.
- Build and deploy a strategic workforce location model to track sensitive data movement, mitigate compliance risk across departments and support secure infrastructure planning.
- Conduct financial and operational analysis across 15+KPIs to identify market expansion opportunities, improve project delivery by 50% and support executive level decision making with actionable insights.
- Create and manage custom Jira filters, dashboards, and weekly reports to track project progress and performance metrics, ensuring efficient workflow and issue resolution

Move Management Team:

- Create 10+ business requirement documents, establish project governance structures & forecasting processes for 500+ live projects; develop KPI dashboards and real time tracking systems to enhance visibility and improve forecasting accuracy by 95%.
- Develop tracking, forecasting models and dashboards for 13 business line coordinators via Smartsheet, boosting operational efficiency by 90% and reducing time from 1 week to real time analysis
- Conduct comprehensive quantitative and qualitative financial modeling, improve cost management accuracy by 40% and enhancing budget adherence.

Aquatreat System & Engineers

Supply Chain Analyst

New Delhi, India

May 2018 – Jul 2021

- **Led a team of 10 analysts and technicians** to streamline supply chain operations, foster cross-functional collaboration, and implement scalable data solutions at Aquatreat.
- Programmed inventory and production run analysis and executed end-to-end purchase orders, using SQL to facilitate team with inventory supply, and demand forecasting, coordinating with inventory management, demand and distribution team
- **Designed and deployed an integrated procurement-to-operations data model**, enhancing traceability and reducing manual intervention across business units.
- **Established a fault dictionary and first-pass quality checklist**, resulting in a 70% reduction in revisions and a 40% increase in first-time audit pass rates.
- **Facilitated weekly problem-solving huddles and mentored junior staff**, cultivating a culture of continuous improvement and knowledge sharing.
- **Authored SOPs and built lightweight dashboards for anomaly detection**, improving reporting efficacy by 30% and promoting consistent best practices.
- **Applied engineering rigor with pragmatic tools** (Excel/SQL, schema discipline, exception tracking), enabling reproducible workflows and reliable system performance.

CAPSTONE PROJECT

Emazzanti Technology Hoboken, New Jersey *Graduate Consultant* Aug 2022 - Dec 2022

- On boarded over 40 businesses with asset sizes ranging ~\$500 million by analyzing their problem statements and conducting multiple customized technical walkthroughs of the NPS product

EDUCATION

Stevens Institute of Technology

Hoboken, New Jersey

MS in Business Intelligence and Data Analytics - 3.9 / 4.00

Aug 2021 - May 2023

O.P. Jindal Global University

Haryana, India

Bachelor of Business Administration (Honors)

Aug 2016 - May 2019

SKILLS AND INTERESTS

Technical: C, Python, R, SQL, VBA Coding, Excel, Tableau, Power BI, Alteryx, Machine Learning, Smartsheet, ServiceNow

Certificates: Introduction to Programming Using Python- Microsoft Machine Learning in Python, Project Management (Harvard University)