DHRITI MALIK

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EDUCATION

Carnegie Mellon University – Tepper School of Business   Pittsburgh, PA
Master of Science in Business Analytics – 9 months Full-Time MSBA (STEM)   8/24-5/25
Honors: Merit Scholarship Recipient
Coursework: Financial Analytics, Python & R, Data Visualization, Optimization, Data Management,
Business Fundamentals, Probability & Statistics, Machine Learning, Data Visualization, AI & Business

ASMSOC – Narsee Monjee Institute of Management Studies   Mumbai, MH
Bachelor of Science in Finance   5/19-4/22
Honors: Winner, Disrupt 2020 - A tech competition focused on rebranding existing companies
Coursework: Quantitative Techniques, Financial Modelling, Business Valuation, Business Analytics,
Marketing, Corporate Finance, Debt Markets, Technical Analysis, Portfolio Management

WORK EXPERIENCE

Ernst & Young   Mumbai, MH
Senior Analyst (8/23-4/24)   7/22-4/24
Analyst (7/22-8/23)

- **Data Visualization Solutions:** Addressed inefficiencies in business processes for a large energy & logistics firm **(Fortune 500)** by designing 18 dashboards in Power BI/Tableau, enabling real-time insights that improved inventory and cost management by **13%**
- **Data Management:** Collaborated with script developers to integrate SAP data using SQL, improving dashboard refresh speed by **20%** and reducing data-related errors by **15%**, ensuring faster, more reliable insights
- **Supply Chain Optimization:** Resolved supply chain visibility challenges for a leading automobile client by delivering customized dashboards in Power BI & Qlik Sense, enabling real-time metric tracking & reducing stock shortages by **12%**
- **Process Optimization:** Eliminated inefficiencies in Procure-to-Pay processes by developing and maintaining **10+** advanced SAP-driven logics, boosting dashboard curation speed by **25%** and increasing cross-team adoption
- **Leadership & Communication:** Simplified decision-making by leading presentations and dashboard reviews for a consulting project. Delivered strategic insights & ensured deliverables met business needs through consistent proactive communication
- **Training & Development:** Addressed team skill gaps by designing and delivering Power BI and Qlik Sense training for **50+** internal stakeholders, elevating team proficiency and reducing dashboard development errors
- **Hiring:** Optimized hiring for the Business Analytics team by managing candidate repositories, scheduling interviews, and assessing skills in Qlik Sense, Power BI, and business concepts. Improved efficiency by **15%**, strengthening team performance
- **Recognition:** Emerging Extraordinaire award for delivering high quality work during the first six months

CHR. HANSEN (INDIA)   Mumbai, MH
Finance Intern   5/21-8/21

- **Analytics:** Streamlined reporting by creating **Excel** dashboards to track key KPIs such as YoY growth, quarterly sales, and top-performing products, improving reporting speed by **20%** and enabling data-driven decisions that boosted profitability
- **Financial Optimization:** Addressed CSR expense inefficiencies by analyzing quarterly expenditure as a percentage of revenue. Delivered reports aligning financial strategies with sustainability goals, driving CSR policy reforms targeting a **6%** expense reduction for the next quarter.

PROJECTS

- **Data Visualization - Air Quality Index:** Due to limited insights into the impact of COVID-19 on air quality across India, developed a **Tableau** dashboard analyzing three years of data. Visualized trends in pollutants, city-specific toxicity, and the effects of lockdowns using storytelling to provide actionable insights
- **Crypto Investment Analysis:** Given the challenges investors face in balancing risk and return in mixed portfolios, created an optimized investment strategy using cryptocurrency and equity data. Applied performance metrics like the **Sharpe ratio** to allocate asset weights, maximizing returns while minimizing risk

ADDITIONAL INFORMATION

- **Skills:** Power BI, Qlik Sense, Tableau Desktop, Tableau Prep, Advanced Excel (Pivot tables, Macros, VBA), SAP S/4 HANA, SQL, Python, Matplotlib, Pandas, NumPy, Seaborn, Azure AI Fundamentals, R, Statistics, MongoDB, Microsoft office, Forecasting, Data Visualization, Google Analytics, A/B Testing, Alteryx