

Oisha U Y

Data Analyst

Queens · NY · US

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Summary

Analytical and results-driven Data Analyst with 15 years of progressive experience turning complex, multi-source data into actionable insights for financial services, cybersecurity, and blockchain-focused organizations. Proven expertise in statistical analysis, data modeling, and visual storytelling — leveraging SQL, Python, R, and modern BI tools to drive measurable business outcomes. Demonstrated leadership of cross-functional analyst teams, mentorship of junior talent, and successful delivery of high-impact projects under tight deadlines. Seeking a contract-based Data Analyst role in Queens, NY where deep technical acumen and strong communication skills can directly support operational excellence.

Experience

MetroFin Solutions

Senior Data Analyst (Team Lead) | 01 Jan 2022 – Present

Lead a team of 4 data analysts delivering daily operational dashboards for the firm's retail banking division. Designed and implemented a new data pipeline using Python, Snowflake, and Airflow, cutting data-refresh latency from 12 hours to under 30 minutes. Spearheaded a predictive churn model that identified at-risk customers with 85 % accuracy, resulting in a \$1.2 M increase in retained revenue over 12 months. Conducted quarterly "Data Insight Workshops" for senior leadership, improving data-driven decision-making scores in employee surveys by 40 %. Managed migration of legacy on-premises reporting to Azure Synapse, yielding annual cost savings of \$250 K and enhanced scalability.

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SecureChain Technologies

Data Analyst | 01 Mar 2018 – 31 Dec 2021

Built and maintained complex data models for blockchain transaction monitoring, supporting compliance and fraud-detection teams. Developed automated SQL-based anomaly detection scripts that reduced manual investigation time by 30 %. Created interactive Tableau dashboards visualizing network performance, leading to a 15 % improvement in system uptime. Partnered with cybersecurity engineers to integrate log-analysis pipelines (ELK stack) into the data warehouse, enhancing visibility across the security stack.

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CityBridge Consulting

Lead Business Intelligence Analyst | 01 Jul 2014 – 28 Feb 2018

Promoted from Business Intelligence Analyst after 18 months for outstanding delivery of strategic insights for municipal clients. Directed a cross-functional BI project that consolidated three legacy reporting

systems into a unified Power BI environment, decreasing report generation time by 40 %. Implemented data quality frameworks that lowered errors in client-facing dashboards from 5 % to <1 %. Trained over 20 junior analysts on SQL best practices and visualization techniques, establishing a mentorship program still active today.

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Apex Financial Services

Junior Data Analyst | 01 Jan 2011 – 30 Jun 2014

Conducted ad-hoc analyses for the credit-risk team, producing weekly risk-score reports used by senior underwriters. Assisted in the migration of legacy SAS datasets into a SQL Server environment, improving data accessibility for the analytics group. Authored documentation for data lineage and transformation rules, supporting audit compliance for the firm's regulator.

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State University – Department of Statistics

Research Assistant (Intern) | 01 Sep 2009 – 31 Dec 2010

Supported faculty research on time-series econometrics, performing data cleaning, statistical testing, and result summarization in R. Co-authored a conference paper on seasonal ARIMA modeling, presented at the 2010 Joint Statistical Meetings.

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Education & Training

M.S., Data Science

Columbia University

– 01 May 2013

Result: 3.8/4.0

B.S., Statistics

New York State University

– 01 May 2009

Languages

English | – Present

Native speaker

Hindi | – Present

Fluent

Mandarin | – Present

Basic

Certifications & Credentials

Certified Analytics Professional (CAP) | 2016-01-01

INFORMS

Microsoft Certified: Data Analyst Associate (Power BI) | 2019-01-01

Microsoft

Tableau Desktop Specialist | 2020-01-01

Tableau

Awards

Revenue Growth | 2022-01-01

MetroFin Solutions

Predictive churn model at MetroFin generated \$1.2 M incremental revenue in the first year of deployment.

Operational Efficiency | 2022-01-01

MetroFin Solutions

Reduced data■refresh latency by 96 % (12 hrs → 30 min) through pipeline redesign at MetroFin.

Cost Savings | 2022-01-01

MetroFin Solutions

Cloud migration project saved \$250 K annually for MetroFin while improving scalability.

Quality Improvement | 2018-01-01

CityBridge Consulting

Implemented data■quality checks that lowered reporting errors from 5 % to <1 % at CityBridge.

Dashboard Adoption | 2021-01-01

SecureChain Technologies

Achieved 90 % user adoption of newly built Tableau dashboards across three business units at SecureChain.

Interests

Hobbies | – Present

- Trail hiking
- Competitive chess
- Jazz saxophone (amateur)

References

Available upon request

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