

Mahesh Kumar Srinivas

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SUMMARY

Detail oriented BI and Data engineer with 5+ years of experience in various industries including banking, supply chain, ecommerce, and retail. Proficient in identifying business requirements and developing data driven metrics to support business initiatives, as well as building large scale data pipelines to enable the same.

SKILLS

Tools/Languages: Python, **AWS** (Lambda, Step Functions, EC2), **SQL**(Redshift, SQL Server, BigQuery, Vertica, PrestoDB), Tableau, PowerBI, QuickSight

Technical Skills: Clustering, Regression, Operations Research, Agile Methodologies, Machine Learning, Data Warehousing, Data Modeling, OLAP Cubes, ETL

EXPERIENCE

Amazon, Seattle WA – *Business Intelligence Engineer, Amazon Fresh* June 2021 - PRESENT

- Onboarded several critical vendor performance data pipelines onto Turismo, an internal multi dimensional data warehouse that saved 60 hours in manually generating reports each week
- Enabled Vendor Managers to take critical business decisions during yearly vendor negotiations, by surfacing key operational and performance metrics in QuickSight dashboards
- Built a standalone defect tracking dashboard to help instock managers to deep dive issues across Amazon Grocery's third party merchants and stores, saving nearly \$2.5Mn in sales for the UK alone
- Consolidated and automated multiple teams' business report PDFs using AWS Lambda and Step Functions into a single report, used by senior leadership on a weekly basis
- Migrated several legacy systems and data pipelines to AWS services - ensuring on time rate and faster support mechanisms, and saving 10 hours / week of manual triage

Wayfair, Boston MA – *Data Solutions Engineer* February 2019 - June 2021

- Spearheaded a new business initiative "Catalog Health" to identify SKUs and suppliers in the catalog that are in an unhealthy, unpurchasable state, and minimize their impact on lost sales and revenue
- Created a supplier integration scoring methodology to promote best practices, based on random forests feature importance analysis of key order performance and fulfilment metrics
- Built multiple executive Tableau and Looker dashboards for key supply chain metrics, to drive critical decisions during promotions like Black Friday, Cyber Monday and WayDay
- Saved ~20 FTE/month by automating the process to calculate KPIs used for inbound supply chain and final mile delivery

Pitney Bowes, Danbury CT – *Data Scientist Intern* June 2018 - August 2018

- Reduced network costs by 3% by identifying new shipment processing facilities in the west coast, using a mixed integer optimization model
- Identified customer churn and satisfaction trends, and created new upsell opportunities by performing clustering and segmentation analysis on shipping data

Mashreq Bank, Bangalore, India | Dubai, UAE – *Software Engineer* July 2015 - April 2017

- Designed new loyalty programs and promotions based on analysis of customer and product usage data
- Delivered customer activity trend dashboards that aided in creation of new banking products, presented to the global leadership team

EDUCATION

Carnegie Mellon University – *Master of Information Systems Management*

August 2017 - December 2018, Pittsburgh PA - GPA: 3.5/4.0

R V College of Engineering – *B.E., Industrial Engineering*

September 2011 - July 2015, Bangalore, India - GPA: 3.54/4.0