

Amandeep Singh

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Financial Analytics| Investment Management| Business Process Improvement

Available from – May 2018

EDUCATION

Northeastern University | Boston MA

Expected May 2019

Master of Science in Information System

Related Coursework- Database Management and Database Design, Advances Data Science and Architecture, Big Data Systems and Intelligence Analytics

Rajiv Gandhi Proudhyogiki Vishwavidyalaya| Bhopal, India

May 2014

Bachelor of Engineering in Mechanical Engineering

TECHNICAL SKILLS

Languages :	Python, R, SQL
Databases :	MYSQL, Oracle, SQL Server
Tools :	GitHub, Microsoft Office Suite, Jupyter Notebooks
Statistics :	Linear Regression, Decision Trees, Logistic Regression
Other :	Lookup tables, Excel Macros

PROFESSIONAL EXPERIENCE

Eclerx Services Pvt. Ltd| Mumbai, India

July 2015- July 2017

Financial Analyst

- Improved Process structure by optimizing settlement reconciliation process by analyzing trade data for OTC products including swaps and margins
- Worked in settlement and reconciliation process which includes pre and post settlements of trade, and following up with clients to resolve trade discrepancies using applications like PWMS and CBM
- Developed 6 lookup tables to set new rules for reconciliation principle which enhanced the productivity and resulted in 17% reduced manual work
- Developed macros to automate financial reports like High value, Margin fail report and Cass report

Money World Research Pvt. Ltd| Indore, India

July 2014- February 2015

Research Analyst

- Generated statistical reports for various scripts with analyzing market trend
- Maintained relationships with clients and management coordinating the efficiency of their interactions
- Ensured continuity on the accounts and SLA assigned through proper backups, follow ups and communication
- Led a team of 5 people ensuring streamlined flow of Financial reporting work

ACADEMIC PROJECTS

Northeastern University | Boston MA

Analysis of EDGAR Dataset

January 2018- February 2018

- Scraped EDGAR data from web to extract tables from 10-Q filings for different companies
- Analyzed EDGAR dataset by handling missing data, observing anomalies and computing summary metrics
- Created docker image which runs the whole pipeline
- Created a log file that contains logs of events that have occurred in the program

Trade Life Cycle Management System

November 2017- December 2017

- Developed a database to structure hedging of funds for products like swaps and margins
- Used MySQL Workbench in forward and reverse engineering to maintain data integrity
- Implemented techniques like triggers and procedures to ensure data uniformity
- Implemented techniques like views for financial reporting to evaluate performance