Yanyan (Dora) Deng

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SUMMARY

A data-driven team player skilled in gathering business questions, translating them into data analysis, and providing strategic recommendations. I have contributed to increasing forecast accuracy in financial planning by 65%. I excel in solving problems for stakeholders through efficient data reports that deliver reliable insights.

EDUCATION

FORDHAM UNIVERSITY, *GABELLI SCHOOL OF BUSINESS,* **NY**   Aug.2019 - Dec.2020
MS, Information Technology GPA: 3.9/4.0
Relevant Coursework: Database Management, Data Mining, Business Analytics, Information system strategy

HOFSTRA UNIVERSITY, *FRANK. ZARB SCHOOL OF BUSINESS,* **NY**   Aug.2017 - May.2019
MS, Finance GPA: 3.6/4.0
Relevant Coursework: Financial Analysis and Planning, Advanced Statistical Modeling in Finance, Advanced Applications in Risk

Xi'an SHIYOU UNIVERSITY, China   Aug.2012 - May.2016
BS, Engineering GPA: 3.7/4.0
Relevant Coursework: Advanced Mathematics, Liner Algebra, Probability and Mathematics Statistics

HIGHLIGHTS

Soft Skills: Analytics skills, Report Analysis, Collaborator, Problem solver, Advanced Communication, Supply Chain Management
Language Skills: **SQL, SAP, Tableau, PowerBI, Python, Financial Modeling, Microsoft Office, Microsoft Excel**
Certificates: Gabelli Leadership Certification, Google Analytics Certification

EXPERIENCE

Siemens Healthineers   Tarrytown,NY
Data Analyst   Aug.2021 – Aug.2023
- Assessed data reports by querying dataset in **SQL and SAP** to enhance sales, financial and manufacturing data accuracy
- Completed automated monthly financial reporting in **PowerBI**, streamlining ongoing reporting and analysis processes
- Led cloud data migration by constructing **ETL data pipelines** (extracting, transforming and loading) in Azure Cloud
- Collaborated closely with IT, finance and demand teams to fulfill ad-hoc requests that feed into **Qlik** reporting dashboard
- Supported in budgeting, forecasting and variance analysis accuracy for supply chain planning
- Enabled global stakeholders to make informed strategic decisions, reducing financial risks and costs on **P&L**

NYU Langone Fenyo Lab   New York, NY
Data Science Research Assistant Intern   Oct.2020 - Feb.2021
- Implemented **Correlation, Significant level in R studio** and **Pandas** in **Python** to formatted distributor data and recognize **450** mutant genes in **30k** raw dataset
- Created scientific basis for biologists, leading scientist to explore unique diseases by **visualization** tool in R studio

Deloitte - NCAA March Data Crunch Madness Competition   New York, NY
Data Scientist   Jan.2020 - May.2020
- Predicted winning team of each game in 2020 NCAA with accuracy over 75% and log loss of 0.439
- Trained 17-year historical NCAA dataset with more than **150 variables** before feature selecting, tested models using machine learning algorithms like ANN and earned Honorable Mention (top10%) from judging panel

Gabelli School of Business   New York, NY
Data Analysis Teaching Assistant   Dec.2019 - Dec.2020
- Collected, aggregated, and analyzed **11GBs** of Instagram data on Google Cloud to measure popularity of Product Tags using Pandas
- Built **automated visualization dashboards** by extracting data from **MySQL** server to track 50 fashion trends

Beidou Cloud Service Co. Ltd   Qinghai, China
Data Analyst Intern   Jan.2017 - Jan.2019
- Provided competitive prices of 16 different styles of couch by writing **100+** SQL queries on MySQL to extract hundreds of rows of historical price data for California clients
- Helped design **10+** couch material keywords index for online store, added additional feature to database with **6,000+** observations and performed A/B test detect online store revision
- **Doubled** client amounts in Thailand and **tripled** couch order sizes by presenting **Tableau** visualization
- Improved click-through rate **130%** by revising product keyword index, while ensuring the continuation and enhancements of online sales event