

# Yanyan (Dora) Deng

New York, NY | 516-652-8341 | [mogudyy@gmail.com](mailto:mogudyy@gmail.com) | <https://www.linkedin.com/in/yanyan-dora-d-8177761a2/>

## 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 business planning by 65%. I excel in solving problems for stakeholders through efficient data reports that deliver reliable insights.

## EXPERIENCE

### Siemens Healthineers (Fortune500)

Tarrytown, NY

#### Data Analyst – Supply Chain Management

Aug.2021 – Aug.2023

- Leveraged **SQL** and **SAP** skills to conduct in root causes analysis for sales, financial, and product data, driving informed decision-making for sales operation planning and supply chain improvement
- Completed **visualization dashboards** in **PowerBI**, translating business needs into user stories to streamline analysis process
- Led cloud data migration by constructing **ETL pipeline**, optimizing workflow and the efficiency of 34 data reports processing, resulting in improved efficiency and data utilization

### 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

### Cerebral Artery LLC

Jersey City, NJ

#### Financial Data Analyst (part-time)

Oct.2023 – Present

- Utilized SQL to ensure data accuracy and provided recommendations for financial planning analysis

## 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: 3.4/4.0

**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, Linear Algebra, Probability and Mathematics Statistics

## Skills

- Proficient in SQL, SAP, R, Python, PowerBI, Tableau, Azure Cloud
- Analytical insights and problem-solving skills
- Advanced communication and presentation abilities
- Familiarity with Agile project management methodology

## Language

- Fluent in English, Chinese
- Intermediate in Spanish