

Jianwei FU

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Education

Degree	School	Duration
MS in Applied Statistics & Decision Making (GPA 3.95)	Fordham University, GBA	2013-2014
Master of Management	Tianjin University, China	2008-2010
Bachelor of Management	Tianjin University, China	2004-2008

[Course List Link](#)

Work Experience

Data Analyst, Senior Associate

Cognizant Tech Solns

01/2015 – 12/2018

1. Total US Macro Snack market analysis

- Incorporated external data (IRI, NPD, ICP, etc.) with internal product shipment data
- Aligned discrepancies between internal and external sales data
- Built a data warehouse with historical market sales of Total US Macro Snack
- Created a forecasting model-set with more than 130 time series models and applied the model-set into sales forecasting for next 5 years
- Designed the best model selection automation framework for the essential attribute combinations

2. First Pass Payment Prediction

- Processed internal raw data into readable format and appended external data
- Identified key predictors via Chi-sqr test, ANOVA test, and Information Value Statistics
- Built logistic regression model based on training set and evaluated the model accuracy
- Applied Threshold Calibration to improve predictions on Sensitivity, Specificity, and Accuracy

3. Hotel Reservation Forecasting Adjustments

- Queried reservation of daily actuals and predicts by brands, room & price category and other indicators
- Tested correlation between forecasting errors and potential predictors
- Built Regression Models for each hotel/brand by different time periods (more than 1000 model generated)
- Cross Validated model outputs and applied the best outputs to adjust original forecasted reservations

Integrated Banker

Agricultural Bank of China, Tianjin Branch

09/2010 - 07/2013

- Provided personal banking services, including planning personal saving, investment, and financing
- Provided corporate banking services, including bank account management and cash flow management
- Supervised and trained interns and new employees

Principle Researcher

Fordham University

1. Association analysis between Sustainability and Financial Performance

05/2014 - 12/2014

2. Correlation analysis of R&D Expenditure to Development of Sci, Tech, and Eco

01/2014 - 05/2014

3. Neural Network analysis on the Association between Behavioral Factors and

09/2013 - 12/2013

Children's Vaccine Status

Certifications/Honors/Special Skills

- Expert on R, R shiny and other R related skills and skilled in SQL, Python, SPSS, and MS Office Suite
- CFA level II Candidate
- 2014 Dean's List Award, Fordham GBA
- Best Employee of 2011, Agricultural Bank of China Tianjin Branch