JENNYLYN SY

646-384-5354 | jennylynangsy@gmail.com | github.com/jennysy
linkedin.com/in/jennylynsy | kaggle.com/jennysy2002

Summary

Experienced data analyst in providing predictive modelling for multinational companies and start-ups, leveraging expertise in business strategy and operations. Project experience includes machine learning, deep learning, and big data.

Technical Skills

Languages: Python (Proficient), MySQL (Intermediate), R (Basic)
Libraries: Numpy, Pandas, Scikit-Learn, Scipy, Keras, TensorFlow, XGboost, Matplotlib
Others: AWS, Hive, PySpark, Tableau, Github, H2O, Unix, Microsoft Office

Project Experience

PLANT LEAF SPECIES CLASSIFICATION - Github   Oct 16

- Built artificial neural networks to correctly classify plant leaf species using binary images and a probabilistic framework of margin, shape, and texture features. Technologies used: Python, Numpy, Pandas, Scikit-Learn, Scipy, Keras

CUSTOMER POTENTIAL PREDICTION - Github   Sep 16

- Created a classification model that identifies customers with the highest potential business value based on their characteristics and activities. Technologies used: Python, Numpy, Pandas, Scikit-Learn, XGboost

MOBILE USER DEMOGRAPHICS CLASSIFICATION - Github   Aug 16

- Built a model to predict users' demographic characteristics based on their app usage, geolocation, and mobile device properties. Technologies used: Python, Numpy, Pandas, Scikit-Learn, Scipy, Keras

Work Experience

BUSINESS CONSULTANT – Syangsons, Co.   Manila, Philippines| Feb 16 – Apr 16

- Coordinated with a third party IT provider for an end-to-end IT solution for the business's sales and operations needs

BUSINESS CONSULTANT – Reckitt Benckiser Group PLC   Beijing, China| Jun 14 – Aug 14

- Developed a model to identify cost saving opportunities of up to 1 billion RMB in domestic logistics freight-in costs, import logistics, and warehousing for RB base products in China

SYSTEM ADMINISTRATOR – Emerson Electric, Co.   Manila, Philippines| Feb 12 – Apr 13

- Led a team of specialists and analysts on data migration projects that exceeded base plan set by 49%
- Improved system reporting capabilities by implementing on-time delivery and parts inventory category data collection projects
- Collaborated with the IT team on all the system requirements and new report generation and resolved escalated cases from the resource center analysts pertaining to system issues or user queries

SUPPLY CHAIN ANALYST – Emerson Electric, Co.   Manila, Philippines| Dec 10 – Jan 12

- Automated all eight standard reports that increased accuracy and reduced time allotted for generation by 65%
- Pioneered a model to break down components of inflation from raw material purchases which became a necessary analysis in succeeding Supply Chain Reviews
- Provided in-depth gap analyses of key performance indicators to top management of Europe and Latin America Supply Chain

Education

UDACITY – Machine Learning Nanodegree	Oct 16
CHINA EUROPE INTERNATIONAL BUSINESS SCHOOL – Master of Business Administration	Apr 15
ATENEO DE MANILA UNIVERSITY – Honorable Mention, Management of Applied Chemistry, B.S.	Mar 09

Honors and Activities

BEING GLOBALLY RESPONSIBLE CONFERENCE – *Vice President*	Jul 13 – Apr 15
INDIAN SCHOOL OF BUSINESS – *1st Place International Case Competition*	Nov 13