Angela ShiTing Yin   puluowangsiyin@gmail.com   0435 885 559

Master of Analytics graduate from RMIT

Familiar with Python, R, Java, SQL and Excel. Skillful in data mining, machine learning, applied baysian statistic and data visualisation. Aclimated to big data frameworks, e.g. Hadoop, MapReduce.

GITHUB PAGE

https://s3645072.github.io/Angela_ShiTing-Yin.io/

EDUCATION

RMIT University   *Melbourne, Australia*
Master of Analytics   *Jul 2017 – Jun 2019*
- GPA: 4.0

Xi'an University of Finance and Economics   *Xi'an, China*
Bachelor of Statistic   *Sep 2009 – Jul 2013*
- GPA: 4.0

EXPERIENCE

ITman   *Melbourne, Australia*
Data Scientist Intern
Data Science Department
                                                                                                      Nov 2018 – Jan 2019

Responsibilities
Worked on bank dataset to classify new instance. This project finished individually, choosing a topic and then applying knowledge relate to machine learning to get good performance for classifier.

- Choosing topic, and search for relate dataset (bank data come from UCI)
- Understanding data details, and got idea that should be done for project
- Data cleaning and exploration with statistic information (sklearn package)
- Data Visualisation on each feature on both population and different target class
- Modelling with classification algorithms, include K Nearest Neighbors, Logistic Regression and Random Forest
- Evaluating models based on accuracy, confusion matrix, ROC curve and AUC area

Achievement
A good performance with Logistic Regression on bank dataset, especially for balanced dataset. The model could do good job on new instance to see whether customer would like to subscribe a team deposit or not.

ITman   *Melbourne, Australia*
Data Scientist Intern
Data Science Department
                                                                                                      Nov 2018 – Jan 2019

Responsibilities

Spider on github apple issue, analysis web structure, location for each detail information, applying scrapy package come from python to get dataset.

- Browse target web to see what information will be used further for project
- Analysis web structure that where feature detail information located
- Create scrapy project and modify spider, setting, pipeline and items files to get desired dataset
- Saving scrapy result in csv file that could be invoked later for further job (data analysis)

Achievement
The ability to get dataset from website, not just based on SQL or other resources that collecting data already. This project provide skill to get data more flexible.

<u>Coles</u>   *Melbourne, Australia*
Data Scientist Intern
Data Science Department

Jul 2018 – Nov 2018

Responsibilities
Worked with teammates come from RMIT and Data scientist of Coles to learn patterns for baby category data, analysis common features in each group, and assign a reasonable name for each group.

- Extract relative dataset from SQL, include transaction, products and customers information
- Pre-processing data to suitable form and values for modelling
- Analysis data with data visualisation
- Modelling on dataset with different algorithms, include Kmeans, Decision Tree and DBScan. Cause by the high dimension, trying PCA as well.
- Profiling, concatenate modelling result and demographic information to analysis common features in each group
- Scoring, based on modelling result, assigning reasonable label (which cluster) for left dataset, then see the performance on population
- Giving potential customer segments for baby category, and providing some suggestions

Achievement
A full understanding of customers and knowing their purchase behaviour patterns for baby category

<u>Elong Network Information Technology (Beijing) CO. LTD</u>   *Xi'an, China*
Market Coordinator
Lodging Partner Service Department   *Dec 2013 – Jan 2017*

Responsibility
Worked with teammates and director in Shaanxi Province, doing basic analysis on sale dataset for the whole province. Servicing on hundreds of hotels, based on data, giving suggestion to improve checking room nights.

- Data reduction and analysis (EXCEL) for the whole market in Shaanxi province
- Collecting information of competitive partners
- Supervising and making statistical analysis of the promotion and the sales process
- Responsible for the systematic training of new interns

Achievement
The market share growth in the area where I took in charge was twice of the national average growth

SKILLS AND CERTIFICATES

- **Language:** English (fluency), Mandarin (fluency)
- **Software:** Skilled user of software including R, Python, SQL, JAVA, MINITAB, Excel and SPSS
- Certified machine learning analyst by ITman

ADDITIONAL

- Visa: Australian student visa (available for part-time till Aug 2019, after then will be available for full-time jobs), Chinese citizen
- Being invited by Golden Key International Honour Society in 2018
- Being passionate about new things and challenges
- Well time organization
- A lover of team work and still have strong independent ability