

BingjingGu

Data Scientist

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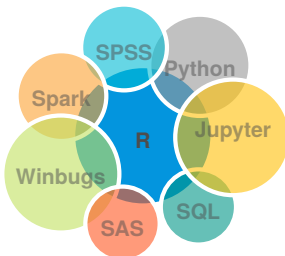
gubingjing@hotmail.com

Web & Git

www.gubingjing.com

github.com/sangaj

Programming



Languages

Chinese ★★★★★
English ★★★★★★

Experience

- 03/14 - Now **Co-founder** [Shanghai Huqi Information and Technology Co., Ltd.](#)
Collect public data and analyze the key factors of successful projects by R;
Provide relevant consultant service regarding government grant and business qualification authentication to clients and draft project application report
Detect potential clients by data mining package in R on recruiting websites;
- 02/16 - 08/16 **Data Scientist Intern** [Schiphol Group](#)
Manipulate data from Cloudera Impala running on Apache Hadoop by Spark, Python and R and prepare data for Hackathon and Kaggle competition;
Utilize R and Python to search best predictive model in terms of penalized regression, support vector machine and neural network to improve the efficiency of bird control in the vicinity of a runway;
Utilize H2O to parallel compute all algorithm on Cluster machines by R and Python;
- 10/11 - 08/14 **Data Analyst** [GroupM China \(WPP Group\)](#)
Create and optimize daily, weekly and monthly database of ratings, which further increase update efficiency by 50 % ;
Build a drama ratings predictive model by using linear regression and neural network;
Program and produce applicable data cleaning module to improve working efficiency by C and Excel Macro;
Analyze related ratings, media market and advertisement cost data and explore the value for decision making based on channels, markets, targets and advertisers;
- 04/10 - 10/11 **Lobby Manager** [Agriculture Bank of China](#)
Collect market information, classify clients and give wealth management advice to the potential and promote financial products accordingly by understanding clients needs;

Project

- 02/16 - 08/16 **Bird Risk Model based on Prediction** [Schiphol Group](#)
Design research area and methods, manipulate and clean the bird data from radar system, compare several machine learning algorithms to search for the best model in prediction ability independently
- 09/15 - 01/16 **Statistical consulting for a PHD fellow** [Leiden University](#)
Clean the infant babbling data from Phonbank database, analyze the difference and evolution in languages by longitudinal analysis, provide a Ph.D. fellow with consulting service in her thesis

Education

- 2014 - 2017 **Master's Degree in Statistical Science** [Leiden University](#)
- 2006 - 2010 **Bachelor's Degree in Mathematics** [Wuhan University](#)

Certifications

- Data Science **John Hopkins University** [Coursera Verified Certificates](#)
R Programming; Regression Models; Getting and Cleaning Data; Practical Machine Learning; The Data Scientist's Toolbox; Exploratory Data Analysis; Statistical Inference; Reproducible Research; Developing Data Products