RYO®, ENG LIAN HU

Contents

Curriculum Vitae

ő, Eng Lian Hu

About Me

Title	Details
Date of Birth	1984-10-22
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Home Town	45500 Tanjong Karang, Selangor, Malaysia
Nationality	Malaysian
Religion	Buddha

Education

Apr-2014 to May-2016 (expected) Professional Certificate, Specialization Data Science; Cousera - Johns Hopkins University (JHU)

- *01 Course title : The Data Scientist's Toolbox*
- *02 Course title : R Programming*
- *03 Course title : Getting and Cleaning Data*
- *04 Course title : Exploratory Data Analysis*
- *05 Course title : Reproducible Research*
- *06 Course title : Statistical Inference*
- *07 Course title : Regression Models*
- *08 Course title : Practical Machine Learning*
- *09 Course title : Developing Data Products*
- *10 Course title : Data Science Capstone*

Jun-2015 to Aug-2015 Professional Certificate, Specialization Data Science; Cousera - University of Michigan (UM)

- *Course title : Programming for Everybody (Python)*

Experience

May-2015 to Sep-2015 Online Gaming, Customer Service; OneMedia Sdn Bhd

- *Salary : MYR2500*
- *Job Task : Handling inbound and outbound calls, livechat, feedback, all deposit and withdrawal transactions.*
- *Resson of Leaving : Superior request change to commission based sales and marketing but not my strength, therefore choose resign.*

Feb-2015 to Apr-2015 Online Retails, Fraud Prevention; Apple Inc.

- *Salary : MYR4000*
- *Job Task : Handling inbound and outbound calls, check and approve/reject customers' ordered transactions.*
- *Resson of Leaving : Superior request to hit certain quantity of filtering transactions, therefore choose resign.*

Nov-2013 to Apr-2014 Online Gaming Trading, Team Leader/Trader; SBSolutionCorp Ltd

- *Salary : MYR3800*
- *Job Task : Handling few members to update scores and bets settlement.*
- *Resson of Leaving : Superior request hire more team members to lease the job, but I just would like to enjoy simple life office worker, therefore choose resign.*

Nov-2012 to May-2013 TV Broadcasting Channel, Video Editor; U-Drive Media Sdn Bhd

- *Salary : MYR2450*
- *Job Task : Watching and filtering video streaming from abroad prior to play in our country.*
- *Resson of Leaving : Director request change to account or marketing department, but marketing is not my strength and I just would like to enjoy simple life office worker, therefore choose resign.*

Mar-2008 to Jul-2012 Outsourcing Business, Customer Service; Scicom (MSC) Bhd

- *Salary : MYR3656.25*
- *Job Task : Handling inbound and outbound calls, livechat, feedback, all deposit, withdrawal and also phone bets' transactions. Sometimes need to do translation and also analysis job tasks*
- *Resson of Leaving : HR request change project since closed project, since there has no sportsbook related project besides Ladbrokes during that time therefore choose resign.*

Jul-2006 to Jun-2007 Online Gambling, Trainer/Trader; Caspo Inc.

- *Salary : MYR5919.27*
- *Job Task : Provides training to newbies on sportsbook trading and live scout. Need to backup for trading as well. Sometimes need to do translation and also analysis job tasks.*
- *Resson of Leaving : Cannot stand for daily 12 to 16 working hours during that time, therefore choose resign.*

Nov-2005 to Jul-2006 Online Gambling, Team Leader/Trader; Telebiz Sdn Bhd.

- *Salary : MYR2450*
- *Job Task : Provides training to newbies on sportsbook trading purchasing stocks, need to update scores for bets financial settlement. Handle live-matches on corners. Sometimes need to do translation and also analysis job tasks.*
- *Resson of Leaving : Looking for better offer which introduced by friends.*

Technical Experience

Jul-2015 to Present **Betting Strategy and Model Validation**

- *Learn PhantomJS for background wbdriver, markdown, setup RStudio server. However RSelenium and PhamtonJS faced some error and then just simply apply rvest to harvest the data from spbo without odds price.*
- *Gather and filtering the staking dataset from Sportsbook consultancy firm A and validate their staking models.*
- *Gather livescore data from spbo livescore website and filter the data.*
- *Natural language analysis on the scrapped livescore data to match the team names from firm A.*
- *Testing the efficiency of some coding.*

Dec-2014 to Dec-2014 **Testing Inefficiency of Sports-Bookmakers by Kelly Model**

- *Apply poisson model to the scrapped data from* **WebDriver Dynamic Webpage Scrapping** *to build an prediction model.*
- *Rewrite the Kelly model from* **Odds Modelling and Testing Inefficiency of Sports-Bookmakers** *in R but also optimal value r which is stated in Dixon&Coles1996 to test the efficiency and the returns of investment based from the Poisson model.*
- *Improve the efficiency of data management and also timing of calculation.*

Feb-2014 to Mar-2014 **Dixon-Coles1996**

- *Learning* `Shiny` *and* `knitr` *in Coursera JHU* **09 Developing Data Products**, *occasionally noticed a* `fbRanks` *package, simply scrape the livescore of English Premier League to test the Dixon-Coles model.*
- *Similar with my previous research, the author wrote a scrape the data statical webpage but save as csv, but add-on a surface/venue parameter and also apply efficiency of the calculation for bigger size dataset. You can go to http://www.lastplanetranking.blogspot.my for more details.*
- *I've modified a bit my model by refer the idea efficiency of glm packages of the author and will review again my model and also write my company website Scibrokes® Test Site by Shiny when free.*
- *Additional information about the website server, SoccerMetrics, sotdoc and matchOdds.org might be good referencens for my future writing website. SotDoc roughly brief about the annual returns of SmartOdds around 2.5~3% while their investment returns rate around 7% per annum comapre to most of sportsbookmakers 0.5% or Crown 1.8%. SoccerMetrics using Python to setup Soccermetrics API Python Client while MatchOdds apply Tomcat to manage the data server.*

Mar-2014 to Apr-2014 **WebDriver Dynamic Webpage Scrapping**

- *Relenium and RSelenium published, scrape the odds price of sportbookmakers and also livescore data from 7M and NowGoal website as well as filter the odds price data.*

Aug-2013 to Sep-2013 **Soccer League Web Scraping**

- *Learning programming to gather livescore and also odds price data from Gooooal. livescore website.*
- *From the scrapped result, there has alot of errors and wrong result since the static website result unable changed once the score is updated. There might be some postponed matches and also suspended metches. Moreover dynamic webpage request selenium apps, due to Rpy loss maintenance and rPython,RSelenium are not yet published. Therefore forfeit and learn Python and started the* **WebDriver Dynamic Webpage Scrapping**.

Apr-2008 to Apr-2010 **Odds Modelling and Testing Inefficiency of Sports-Bookmakers**

- *Learn RExcel, CrystalBall, ModelRisk etc. and choose R open source software to start my research.*

- *Collect the livescore and also 1x2, Asian Handicap, Over Under odds price data of 29 sportsbookmakers manually from 500WAN, BET007 and NowGoal website and filter the odds price data from 2006 to 2011.*
- *Apply Poisson model in R to test the return of the investment. This research job is the most completed, success and the first research which write the whole odds compilation EM model and data management by refer to thousands of research papers in sportsbook odds modelling after resigned from Caspo Inc.*
- *Will write an proper thesis during my spared time.*

Jan-2007 to Jul-2007 Apply Poisson regression on sports odds modelling

- *Write own Poisson model based on what I learnt from Stuart Doyle during working in Telebiz Sdn Bhd.*
- *Due to not master in Macro VBA, I just simply recall the concept which was a spreadsheet VBA Excel file from Paul Judge for data management I accidentlly deleted few years ago.*
- *Remarks: Stuart and Paul used be Sportsbook consultants to Telebiz and setup own advisor company SportsTrust during 2009/2010.*

Time Line

Skill

Skill	Level (from newbie 1 to expert 10)
R Programming	7
MS Office	8
SQL	3
Python	4
Data Analysis	9
Customer Service	9
Sportsbook Industry	7

Other/Miscellaneous

I setup Scibrokes Test Site and also Scibrokes RStudio Server to manage data mining, data analysis and also calculation. You are welcome to own yours by refer to my blog — Own a RStudio Shiny Server. You are welcome to contact me at englianhu@gmail.com for any business coorperation since I seldom check my company mailboxes mofa@scibrokes.com, contact@scibrokes.com, ryo@scibrokes.com.

Social Network

<a href='http://r.789695.n4.nabble.com/template/NamlServlet.jtp?macro=user_nodes&user=379689'> <a href='http://bbs.pinggu.org/home.php?mod=space&uid=5794471'> <a href='https://www.centos.org/forums/search.php?author_id=100465&sr=posts'>

Appendices

Documenting File Creation

It's useful to record some information about how your file was created.

- File creation date: 2015-10-17
- R version 3.2.2 (2015-08-14)
- R version (short form): 3.2.2
- `mosaic` package version: 0.11
- Additional session information

References

- You are feel free to create your own CV by R Markdown V2 by refer to Document Templates
- `rticles` package version: 1.0
- Pandoc Markdown
- You can plot a timeline graph or load the timeline package.
- Here I apply googleVis package to plot the animated graph. You are feel free to browse over the vignettes for more examples.
- You can also modify the layout of website by refering Top Five CSS Customizations for R Presentations.