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Areas of Experience

- Telecom BigData
- Data Science
- Data Mining
- Machine Learning
- Statistical Modeling
- Data Visualization
- Business Analysis
- User behavior analysis
- Academic Reporting
- Advanced Econometric: Impact Evaluation

Knowledge

- Machine Learning: K-mean, K-Nearest, Two Step, Decision Tree, Apriori...
- Regression both in Prediction and Causation
- Probability Model
- Econometrics, Business measurement basic and Advanced
- Policy analysis and evaluation
- Leadership and Manegement

LÊ BÁ ANH

Personal summary

An enthusiastic, innovative and hardworking researcher with experiences on Big Data, Machine Learning, Econometric, Statistics, interested in economy and applied quantitative method, currently seeking for a suitable program in with a view to learning knowledge.

Academic qualification

2014-2016   **Master Degree of Public Policy Analysis**

Fulbright Economics Teaching Program (FETP)

2006-2010   **Bachelor in Economics**

Economic University Ho Chi Minh City (UEH)

Work Experiences

Apr 2017 – present   **Fastdata Solutions Joint Stock Ccompany**

Big Data Analysis

Working with Telecom structured data which over 35 million users, 20^+ billion records, 200^+ fields per months.

Data Science

Using Machine Learning/ Statistical Modeling to predict/forecast users's behavior then setting up suitable marketing strategies.

We also applied Statistical Modeling as Regression for Evaluating Impact of Marketing campaign and then optimizing business process.

Experience

Applying CRISP-DM (Cross-industry standard process for data mining) such as Data Preparation: Standardize/ Centralize data, Noise/Outlier/ Extreme and Missing Data Detection.

Modeling: Classify, Estimate, Cluster, Associate, Forecast, Predict

Reporting: Explaining the result as academic format.

Soft skills

- Teamwork
- Communication skill
- Research skill
- Leadership
- Time management
- Study new thing quickly
- Self-Motivation Learning
- Responsibility

Programming

- Aginity Workbench for IBM Netezza
- IBM SPSS Modeler (Bigdata tool)
- **Python**: Sklearn, Pandas, Numpy Matplotlib
- **Stata**: Panel data, Fixed Effect, Random Effect
- **Eviews**: Time Series, ARIMA, ARMA, VAR...
- **Excel**: Pivot Table, Pivot Chart, Analyst ads on
- **Word**: Reference in Harvard style.
- SPSS, Crystalball

Sep 2014 - 2016

Fulbright Economics teaching program
Quantitative model applying

Thesis: Measure the impact of Credit on SME

Technique: A Complex Combination Regression, combining Propensity Score Matching (PSM) model with Difference in Difference (DD) model in impact of Fixed Effect / Random Effect.

Sep 2013 – Sep 2014

Pharmacy Limited Company (BIMEDCO)
Business Analysis: Quantitative measurement

Analysis Data, measure cost-benefit of sales process, create sales target, prices forecasting, market forecasting … to support director having a better decision.

Sep 2010 – Sep 2013

Institute Development Research (IDR)
R&D team: Researcher

Doing 10 researches in Socio – Economy Development. Most of it're applied quantitative model for measuring the impact and relationship of Economics indexes, then suggest some policies/ statergies for local government. There are some public projects:

1. Vietnam's Nation Target Program on the New Rural Development: Khanh Hoa & Cam Ranh
2. Province's Target Program on the Industry Development: Chau Thanh, Cau Ke, Can Long (Tra Vinh), Dong Thap, Long An.
3. New Rural Construction Plan for Son Ha, Son Thanh Communes – Quang Ngai Province

Achievements

2014

Fulbright Scholarship

Win one of the most reputation scholarship from Fulbright program. The scholarship of Harvard University for Viet Nam future leader

2004

Marie Curie Scholarship

Scholarship, named the scientist who winning Nobel prize twice, for excellent student in Marie Curie – Sai Gon high school