

AMANUEL GHEBREAB

STATISTICIAN SPECIALIZED
IN DATA SCIENCE

CONTACT

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EDUCATION

Data Science | 2019 – 2020
Thinkful/Block 6 Month bootcamp
Data Science Courses | 2016 - 2017
Johns Hopkins University via
Coursera
**Statistics and demography major,
Minor in Computer Science, B.Sc |
2002 – 2006**
University of Asmara, Eritrea

SKILLS

Advanced: Inferential statistics,
ANOVA, supervised Learning,
Causal Inference, Reproducible
Analytics, Data Visualization
Intermediate: Linear and Logistic
Regression, Data Cleaning and
Manipulation, Classification,
Regression and Clustering, Decision
Trees and ensemble Methods,
Dimension Reduction, Team
Management

TOOLS

Advanced: Python for Data Science,
SQL, plotly Dash, Markdown,
Intermediate: Git, R, Jupyter
Notebook, JavaScript, CSS, HTML,
CSpro
Beginner: SAS, Tabulae,

SUMMARY

As a statistician and business Manager in Diaspora I managed to boost teams performance by 127% and as a survey and data Collection and statistical methods consultant i improved the rate of convergence by 68%.After I Moved to USA, i self-learned Data Science through different resources including courses from Johns Hopkins University and officially enrolled in a top notch Data Science program at Thinkful/Block and will graduate on Jan 20, 2019.

RECENT PROJECTS

Project Name | *GitHub*:

https://github.com/AmanuelKG/sharing_thinkful/blob/master/capstone_supervised_learning/capstone_supervised_learning.ipynb

- Developed a robust model as whether to approve or disapprove credit for a client using Random Forest supervised Learning Model.
- Tech: Jupyter Notebook, Python Libraries such as numpy, pandas, seaborn, Matplotlib and ScikitLearn

Project Name | *GitHub*:

https://github.com/AmanuelKG/sharing_thinkful/blob/master/capstone1.ipynb

- Applied Visualization and statistical analysis techniques to produce an easy to understand version of the Data.
- Tech: Python Libraries Pandas, Numpy, and Matplotlib.

EXPERIENCE

Organization: PG&E

April 2017 - Present

Position Title: Security Supervisor

- Supervise and oversee security functions in PG&E Headquarter.
- Train and schedule programs and functions to security personnel.
- Investigate, evaluate, assess and analyze security breaches and loopholes.
- Enhance Communications between teams for effective pass down.

Organization: Optima Development and Investment Consulting Co. Ltd

Position Title: Research Consultant

Jan 2012 – Sep 2013

- designed questionnaires for surveys and developed data collection statistical methodologies from MS Access database to Cspiro package which is a very handy software for data entry and processing.
- Oversaw analyzing the results, writing reports, making recommendations based on the research findings and presenting the results to the client company.

Organization: Acropole General Trading Ltd.

Oct 2013 – Jan 2016

Position Title: General Manager

- Built company's bad image by optimizing resources especially on the Hotel and Restaurant subsidiary.
- Increased management's effectiveness by recruiting, selecting, orienting, training, coaching, counseling, and disciplining managers; communicating values, strategies, and objectives.

Position Title: Statistics Instructor/Data Entry Supervisor

Aug 2006 – Oct 2011

- Trained Data entry and survey crew statistical principles to improve team performance and work efficiency.
- Guided and Integrated statistical concept logic into the data collection and processing unit which intern enhanced work speed and performance.