AMANUEL GHEBREAB

STATISTICIAN SPECIALIZED IN DATA SCIENCE

# CONTACT

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[GitHub](http://github.com/AmanuelKG)

# 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

Inferential statistics, ANOVA, supervised Learning,

Causal Inference, Reproducible

Analytics, Data Visualization

Linear and Logistic, Regression, Data Cleaning and Manipulation, Classification, Regression and Clustering, Decision Trees and ensemble Methods, Dimension Reduction.

# TOOLS

Python for Data Science, SQL, plotly Dash, Markdown,

Git, R, Jupyter Notebook, JavaScript, CSS, HTML, Cspro,

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** and will graduate on Jan 20, 2019.

RECENT PROJECTS

**Project Name** **|** [***GitHub***](https://github.com/AmanuelKG/sharing_thinkful/tree/master/capstone_supervised_learning)**:**

* 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

PG&E (Pacific Gas and Electric Company) April 2017 - Present

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.

Optima Development and Investment Consulting Co. Ltd

Research Consultant Jan 2012 – Sep 2013

* Designed questionnaires for surveys and developed data collection statistical methodologies from MS Access database to Cspro 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.

Acropole General Trading Ltd**.** Oct 2013 – Jan 2016

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.

Eritrean National Statistics Office

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.