

# Rihad Variawa

<https://2series.github.io/>

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## SKILLS

### PROGRAMMING

Python & iPython Notebook  
RStudio  
SQL & Solidity  
JavaScript (D3.js), HTML & CSS

### MACHINE LEARNING

Regression  
Support Vector Machines  
Naive Bayes  
K-Nearest Neighbors  
Decision Trees  
K-means Clustering & PCA Analysis  
Natural Language Processing  
Deep Learning

### SOFTWARE

MySQL  
Spark & Hadoop  
Git & Github  
Microsoft Azure Machine Learning  
Matlab & Weka  
Tableau & Excel

## WHITEPAPER

### FINTECH

#### MALASTARE AI

Aug. 2019  
Research: Digital Banking 2025

## QUALIFICATIONS

### DATA SCIENCE BOOTCAMP

#### FLATIRON SCHOOL

Aug 2017 | New York, NY, U.S.A

### PGDIP. ACC.SCI (CTA)

UNIVERSITY OF SOUTH AFRICA  
Oct 2014

### BCOMPT HONORS ACC.SCI

UNIVERSITY OF SOUTH AFRICA  
Oct 2011

### BCOMPT BACHELOR ACC.SCI

UNIVERSITY OF SOUTH AFRICA  
Oct 2008

## LINKS

Github:// [2series](https://2series)  
LinkedIn:// [rihadvariawa](https://rihadvariawa)

## PROFESSIONAL EXPERIENCE

### MALASTARE AI (BLOCKCHAIN & ARTIFICIAL INTELLIGENCE) |

#### DATA SCIENTIST - INTELLECTUALLY CURIOUS

Jul. 2019 -

- **Closely Collaborated** with various internal stockholders and external partners to solved various high-impact FinTech & other business questions. Presented insights in a concise and effective manner to an array of global customers

### CORELLIA ANALYTICS (UTILITIES INDUSTRY STARTUP, DEPLOYING ANALYTICS-BASED SOLUTIONS) | DATA SCIENTIST - ADVANCED ANALYTICS

Jan. 2017 - Jun. 2019 | Région de Bruxelles, Belgique

- Applied scientific techniques to extract knowledge and insights from data, which took the form of time-series (smart-meters, smart-grid and other IoT), structured (relational data stores) and unstructured (text and multi-media) datasets. Leveraged insights to deploy data-driven applications in support of strategic business priorities
- Mentored junior peers and reviewed their activities where needed. Providing subject matter expertise in the area of artificial intelligence, machine learning, feature engineering, data mining, data manipulation and high-performance computing

### YAVIN PORTFOLIO WEALTH ADVISORS | FINANCE MANAGER (CORPORATE FINANCE)

Feb. 2017 - May. 2018 | South Africa

- Drove business development by defining reporting frameworks, set-up reporting / business intelligence capabilities, building data models, translating and interpreting business needs into analytics
  - **Financial Commerce Market Analyses**
    - \* Engineered comprehensive risk & financial models to assess market potential and expected cash flows for real estate, increasing sales by 8% for the reviewed period (2017-2018)
- Engaged with country risk teams and the business teams to provide analytical input for model development, credit strategy building, fraud prevention and anti-money laundering strategy building; and ensured that any risks are highlighted effectively in a timely manner

### ENERGY CO. (RETAIL ENERGY PROVIDER SPECIALIZING IN ELECTRICITY, NATURAL GAS COMMODITIES, ENERGY EFFICIENCY SOLUTIONS & RENEWABLE ENERGY OPTIONS) | DATA SCIENTIST (DATA SCIENCE & ANALYTICS)

Dec. 2016 - Jan. 2017 | New York, NY, U.S.A

- Using predictive modeling methods, developed a model that can **predict a building's energy star score** achieving a 91% accuracy

### SIZWENTSALUBAGOBODO (ADVISORY SERVICES) | SENIOR ASSOCIATE (FINANCIAL SERVICES GROUP)

Feb. 2014 - Jan. 2017 | South Africa

- Domain knowledge of financial services audits & corporate finance
- Executed statutory audits within; Asset Management, Capital Markets, Micro Leading business units, Trusts, Property Management, Banking & Telecoms