

# David Angelo S. Brillantes

## STATISTICIAN | DATA SCIENTIST

Do ordinary things extraordinarily well. A resourceful, dedicated, and purpose-driven individual seeking a career in data science and statistical machine learning. An advocate for the innovative use and analysis of data for social good.

### CONTACT

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### QUICK LINKS

github.com/dsbrillantes  
kaggle.com/dsbrillantes

## EXPERIENCE

### 2019-09- DATA SCIENTIST - BUSINESS INTELLIGENCE OFFICER/INSIGHTIST

*UnionBank of the Philippines, Data Science Unit*

- 2020-04- • Generated leads for promos and campaigns to increase product usage
- Created Power BI dashboards and reports for business and internal use
- Participated in campaigns management to improve customer journeys
- PRESENT • Conducted post-campaign analysis for a new product
- Delivered actionable insights through data visualizations and storytelling

### 2019-06- FREELANCE STATISTICIAN

PRESENT

## EDUCATION

### 2015-08- UNIVERSITY OF THE PHILIPPINES DILIMAN

2019-06

*Bachelor of Science in Statistics*

- College Scholar for three semesters (GWA of 1.75 and up)
- Equips students with the necessary skills to design studies, analyze data, manage and process data using a variety of software packages, and communicate the results of the study
- Selected Undergraduate Research Papers:
  1. *Determinants of MRT-3 Ridership using Time Series Regression with ARMA-GARCH Errors*
  2. *Piliin Mo Ang Pilipinas: Redefining and Constructing a 21st Century Conceptualization of Nationalism in the Philippines using Multivariate Techniques*
    - 3rd Place, Best Undergraduate Student Paper Award, UP School of Statistics
  3. *Understanding Micro-level Hunger Incidence using Community-Based Monitoring System (CBMS) Data through Semiparametric Additive Logistic Modeling and Feature Selection using Random Forests*
    - Shortlisted, Best Undergraduate Student Paper Award, UP School of Statistics
- Affiliations: Councilor, UP School of Statistics Student Council (2017-2018)  
Committee Chairperson, UP Variates (2018-2019)  
Publications Director, UP School of Statistics Graduation Committee (2019)

## CERTIFICATIONS, PROJECTS

### 2019-11- STANFORD UNIVERSITY ONLINE

2019-12

*Self-Paced Online Course on Statistical Learning | Grade: with Distinction*

- Conducted by Stanford professors Trevor Hastie and Rob Tibshirani

### 2019-12- DATAQUEST.IO

2020-06

*Data Scientist in Python Path | Data for Social Good Scholarship Recipient*

- Intermediate Python for Data Science, Intermediate Machine Learning (Model Building)
- Advanced Data Cleaning & Management (Pandas, NumPy, SQL)
- Data Visualization and Storytelling (matplotlib, seaborn, basemap)

## SKILLS

### LEADERSHIP



### TEAMWORK



### FLEXIBILITY



- + **LANGUAGES/SOFTWARE:** R (3+ yrs.), Python, SAS, Stata, Eviews, SPSS, Power BI
- + **FIELDS OF INTEREST:** Statistical Learning, Data Visualization, Big Data Analytics
- + **SPECIFICS:** Factor Analysis, Time Series Analysis, Exploratory Data Analysis, Multivariate Statistics, Advanced Linear Models, Categorical Data Analysis, Cluster Analysis, Supervised Learning (Regularization, Dimension Reduction, Tree-based Methods, SVMs), Unsupervised Learning (Self-Organizing Maps, Artificial Neural Networks)