

DOMINIC BAGUS DAYTA

Academic publications under Dominic Dayta, D.B. Dayta, or D. Dayta
Literary publications under Dominic Dayta

Assistant Professor, School of Statistics, University of the Philippines
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CAREER

SCHOOL OF STATISTICS, UNIVERSITY OF THE PHILIPPINES

Assistant Professor (February 2022 to present)

Senior Lecturer (September 2021 to January 2022)

Subjects taught: Elementary Statistics, Categorical Data Analysis, Computational Statistics, Statistical Quality Control.

LEAN RETAIL LABS, DIGITAL BLUE PARTNERS ASIA

Consulting Statistician (April 2022 to present)

BR. ALFRED B. SHIELDS OCEAN RESEARCH (SHORE) CENTER, De La Salle University

Consulting Statistician (July 2021 to August 2022)

"Project ExPERT: Examination of Possible Eutrophication of the Reefs in Tubbataha".

Primary Investigator: Wilfredo A. Licauanan, Ph. D.

GLOBAL QUALITY CONTROL, JOLLIBEE WORLDWIDE SERVICES

Quality Management Officer (2019 to 2021)

Quality Management Specialist (2017 to 2019)

EDUCATION

MASTER OF SCIENCE IN STATISTICS (2017 to 2021)

School of Statistics, University of the Philippines

Diliman, Quezon City

GWA: 1.4091/1.0000

Master's Thesis: *Semiparametric Latent Topic Modeling on Consumer-Generated Corpora*

Research Advisor: Emiel B. Barrios, Ph. D.

BACHELOR OF SCIENCE IN STATISTICS (2013 to 2017)

School of Statistics, University of the Philippines

Diliman, Quezon City

Magna cum laude, GWA: 1.4155/1.0000

Other Honors Received: *Best Undergraduate Student Paper Award, Amelia Lapeña-Bonifacio Literary Prize (3 citations), Gawad Rogelio Sicat*

HONORS AND ACHIEVEMENTS

1. Accenture Big Data Challenge: 1st place for Breakthrough Idea, conferred by Accenture Philippines (2018)
2. Best Undergraduate Student Paper Award: 1st place, conferred by the School of Statistics and the Philippine Statistical Training and Research Institute, UP Diliman (June 2017)
3. Magna cum laude, B.S. in Statistics (June 2017)
4. Amelia Lapeña-Bonifacio Literary Awards: 1st and 2nd place for the short story, conferred by the Department of English and Comparative Literature, UP Diliman (2017)

5. Gawad Rogelio Sicat, 1st place for the short story, conferred by the Kolehiyo ng Wikang Filipino, UP Diliman (2016)
6. Amelia Lapeña-Bonifacio Literary Awards: 2nd place for the short story, conferred by the Department of English and Comparative Literature, UP Diliman (2015)
7. World War II True Stories Contest: 2nd place, conferred jointly by the Philippine Daily Inquirer and Philippine Veterans Bank (2013)

ACADEMIC PUBLICATIONS / CONFERENCE PROCEEDINGS

1. **[Upcoming] DB Dayta**, SM Escalante, "A semiparametric approach to empirical bayes estimation of the false discovery rate using kernels." Abstract presentation: *2022 Interim Conference of the International Association on Statistical Computing – Asia Regional Chapter*. Held remotely at The Education University of Hong Kong, Hong Kong. 12-13 December, 2022.
2. **DB Dayta**, DD Dayta, "Introducing computer-age statistical methodologies through interactive web apps: experimental evidence from a Filipino classroom." Contributed paper: *11th International Conference on Teaching Statistics*, organized by the International Association for Statistics Education. 11-16 September, 2022. Rosario, Argentina.
3. **DB Dayta**, EB Barrios, "Semiparametric latent topic modeling on consumer-generated corpora." Abstract presentation: *COMPSTAT 2022*, organized by the International Association for Statistical Computing. Bologna, Italy. 23-26 August, 2022. Available as an arXiv preprint: arXiv:2107.10651 [cs.CL]
4. SM Escalante, PB Donato, IM Benabaye, **DB Dayta**, "Data visualization for the new age: an experimental study exploring the merits of human perception on visualization techniques for improved statistical communication." *10th International Conference on Teaching Statistics*, organized by the International Association for Statistics Education. 8-13 July, 2018. Kyoto, Japan.
5. **DB Dayta**, IM Benabaye, PB Donato, A Cabral, "Exploring the performance of classical linear regression in key driver analysis for Likert-scale response variables: a simulation study" *18th Faculty Student Conference*. 16 October, 2017. SEARCA, University of the Philippines Los Baños, Laguna.

LITERARY WORK

The following covers short stories, personal essays, poetry, and other literary work. Unless otherwise specified, the following publications are solo productions under the name Dominic Dayta. This list has been reduced to conserve space. A complete listing can be found on my website.

1. "Game Show," *Tapuzine*. Surian Ng Sining. July, 2022.
2. "Vicious Animals," Upcoming: *Locked Down, Lit Up: An Anthology of Creative Writing in a Time of Quarantine*, to be published by the University of the Philippines Press, Eds. JV Ogatis and CC Sy Su.
3. "Father You Have Sinned," *Young Blood: Philippine Daily Inquirer*, 2022.
4. "Pamamaalam Ng Isang Biyahero," *Liwayway*, 2022.
5. "Wednesday Girl," *Quarterly Literary Review Singapore*, 2021.
6. "Mga Kalapating Papel," *Liwayway*, 2019. Recipient of the Gawad Rogelio Sicat, 1st place for the short story, 2016.
7. "A Firsthand Account of the End of the World," *The Brasilia Review*, 2019. Recipient of the Amelia Lapeña-Bonifacio Literary Prize, 1st place for the short story, 2017.
8. "A Flowchart for the Queen," *Quarterly Literary Review Singapore*, 2019.
9. "My Youth's Soundtrack," *Young Blood 6*, 2017, Eds. RS De Vera, RA Garcellano, P Pastor, and JVD Rufino. Originally appeared as part of the *Young Blood* column of the *Philippine Daily Inquirer*, 2015.
10. "Floyd and Meredith Forever", *The Brasilia Review*, 2015. Recipient (under the original title, "Photograph") of the Amelia Lapeña-Bonifacio Literary Prize, 2nd place for the short story, 2015.
11. "Time: From the Perspective of a Wristwatch," *Panorama*, 2015.
12. "An Amazona In Manila," *Philippine Daily Inquirer*, 2013. Awarded the same year, 2nd prize in the Philippine Daily Inquirer and Philippine Veterans Bank World War II True Stories Contest.

OTHER ARTICLES

Other technical and scientific articles published.

- "Maybe you shouldn't automate," *CodeX*, 19 July, 2021.
- "Demonstrating K-Means Clustering with a Minimal Javascript Applet," *Geek Culture*, 18 July, 2021.
- "Accessing Spotify's API Using R," *The Startup*, 25 May, 2020.

ADVISING AND MENTORSHIP

UP School of Statistics, Professional Masters in Data Science (Analytics) Program

- Larabay, R.S. "Understanding Sentiments of Mobile Banking Application Users through Google Play Store and App Store Reviews." Co-advised with Erniel Barrios, Ph.D. [Ongoing]

INVITED/PLENARY TALKS

- Resource Speaker. "Data Literacy in Contemporary Society: Engaging the Data Economy." *LIRMD It! One House, One Voice, One Mind: A Webinar on Data Literacy, Information Literacy, and Knowledge Management*. Organized by the Philippine House of Representatives. October 24, 2022.
- Contributed Talk. "Topic Modeling on Consumer-Generated Corpora." 2019 National Conference on Statistics, organized by the Philippine Statistical System. Crowne Plaza Manila Galleria, Quezon City, Metro Manila
- Resource Speaker. "Data Storytelling and Visualization." 29th National Quality Forum (2018), organized by the Philippine Society for Quality. Okada Manila, Parañaque, Metro Manila.

AFFILIATIONS / MEMBERSHIP

- International Association for Statistics Education (IASE), *since 2022*
- Institute for Mathematical Statistics (IMStat), *since 2021*
- International Association for Statistical Computing (IASC), *since 2021*

[This CV was last updated 4 November, 2022]