Martina Giron

DATA ANALYST

Makati, Philippines

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Work Experience

Towards Data Science   *Pasig City, Philippines*
TECHNICAL WRITER   *August 2022 - Present*
- Write tutorials on cleaning, visualizing, and analyzing data in R.
- Document code in Github and create synthetic datasets to be used.

Rappler   *Pasig City, Philippines*
DATA INTERN   *July - August 2022*
- Write data stories on relevant Philippine news and and issues.
- Process data scraped from social media with R created interactive visualizations in Flourish.
- Assist journalists in tagging online sources of misinformation

PhilRights   *Philippines*
RESEARCH VOLUNTEER   *July - August 2022*
- Organized records of human rights abuses in Microsoft Excel.
- Identified areas with high incidence of human rights abuses and pinpointed common scenarios of extrajudicial killings.

Education

University of the Philippines-Diliman   *Quezon City, Philippines*
BS STATISTICS   *August 2019 - July 2023*
- GWA: 1.30, DOST Merit Scholar, Dean's Commendation, and best in class for 5 units.
- Consistent University Scholar (equivalent to President's List)
- Studied courses on statistical inference, statistical quality control, scientific writing, and programming.

Makati Science High School   *Makati City, Philippines*
STEM TRACK   *June 2013 - April 2019*
- Graduated with Honors

{r r-pkgs} # tribble(# ~ pkg, ~ when, ~ role, ~ details, # "distributional", "2020", "Lead developer", "Vectorised distribution objects with methods for manipulating and computing on probability distributions.", # "fable", "2019", "Lead developer", "A collection of time series models for use in a tidyverse workflow.", # "fable.prophet", "2019", "Lead developer", "Extension package implementing the prophet forecasting procedure for fable.", # "feasts", "2019", "Lead developer", "A collection of features, decompositions, statistics and graphics tools for the analysing tidy time series data.", # "fabletools", "2019", "Lead developer", "Provides common utilities for the fable forecasting framework, allows users to extend fable with new models.", # "tsibbledata", "2019", "Lead developer", "Diverse datasets in a tidy time series data structure (tsibble). Useful in examples of tidy time series analysis.", # "tsfeatures", "2019", "Author", "Various methods for extracting features from time series data.", # "tsibble", "2018", "Contributor", "Tidy temporal data structures and tools. The data for the tidy time series collection of packages.", # "vitae", "2018", "Lead developer", "Dynamically generate a Résumé or CV using R Markdown. This CV is created using code with that package!", # "fasster", "2017", "Lead developer", "Implementation of the FASSTER model for forecasting complex multiple seasonal patterns.", # "icon", "2017", "Lead developer", "Embed

SVG icons in R documents such as slides, reports and apps.", # "taipan", "2018", "Lead developer", "Generates shiny apps for annotating image data, which is useful for training machine learning models.", # "ggquiver", "2017", "Lead developer", "Extends ggplot2 for displaying vector fields on plots.", # "forecast", "2015", "Author", "Methods and tools analysing univariate time series data and producing model-based forecasts." #) %>% # brief_entries(glue::glue(")\\textbf{<pkg>}: <role> \\newline <details>", .open = "<", .close = ">"), paste0(when, "\\newline"), .protect = FALSE) #

Data Analysis Projects

Forecasting with multiple seasonality: Methods and techniques to multiple seasonal forecasting in R

`https://slides.mitchelloharawild.com/nhs2020/`

Probabilistic cross-temporal hierarchies: Recent developments of temporal reconciliation in fable.

`https://slides.mitchelloharawild.com/isf2020/`

Flexible futures for fable functionality: Gradual introduction to tidy forecasting with fable. Flexibility is demonstrated with combination modelling and package extensibilitiy.

`https://slides.mitchelloharawild.com/fable-tfeam/`

Flexible futures for fable functionality: Reconciled forecasting of many time series with model combinations.

`https://slides.mitchelloharawild.com/isf2019/`

Tidy forecasting in R: Discussion of recent developments to the fable framework.

`https://slides.mitchelloharawild.com/fable-tfeam/`

Forecasting multiple seasonality with state switching: The FASSTER model with the fable framework.

`https://slides.mitchelloharawild.com/user2018`

Models for forecasting multiple seasonality: An introduction to the FASSTER model.

`https://slides.mitchelloharawild.com/melburn17/`