

Style Templates and Chill

Daniel Vecera



Data Visualization Enthusiast

Background in business, economics, data, and programming

Passionate about data storytelling

Loves yoga, Cross Fit, and techno music

Czech, but lived across Europe for nine years

Education

Bachelor of Science in Economics and Business Administration from
Technische Universität Dresden

Double Bachelor's degree in Economics and Management from
Università di Trento

Master of Science in Business Administration from Humboldt-Universität
zu Berlin

Proficient in Czech, English, and German languages

Professional Journey

Intern at PwC-DigiSpace, focusing on AI solutions

Data Analyst at VARO Energy

Co-founder of RichView, a no-code report writing software

Charting Process

Python Pipeline to download the data

Quick and dirty plots in Python

PowerBI dashboard

Automatic Pipeline to keep it updated

I get asked about sending an email to my boss

Favorite Libraries

GG Plot for grammar of graphics

Altair for interactive grammar of graphics

`pd.DataFrame.plot()` for quick and dirty

Matplotlib as the perfect canvas

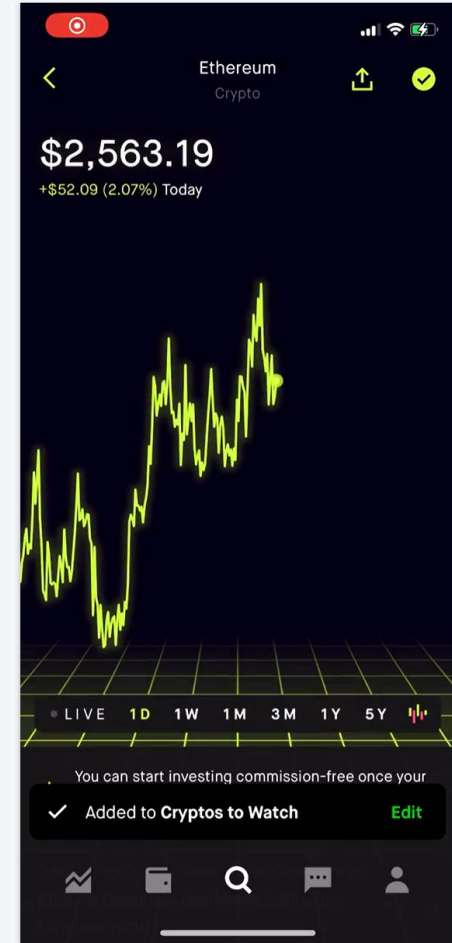
PowerBI for interactive visualization

Style Best Practices

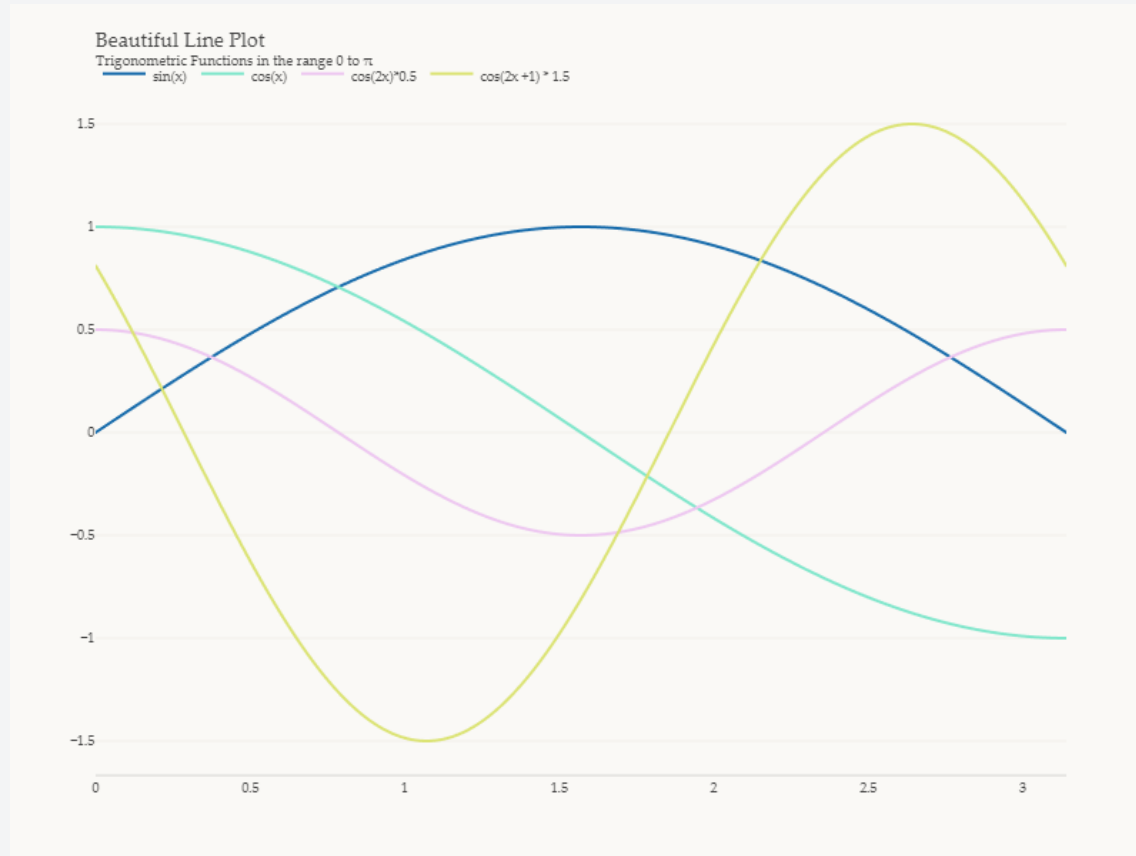
Minimize the amount of ink and lines

Interactive charts require less hints

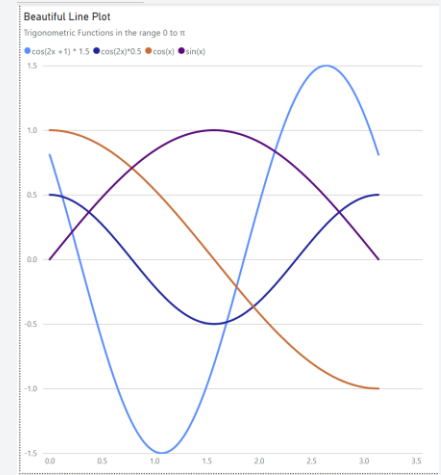
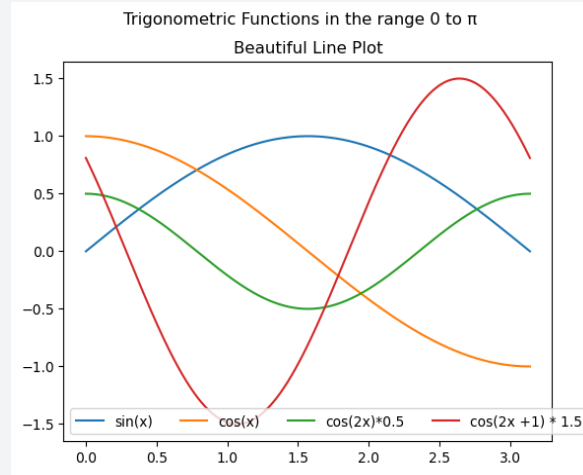
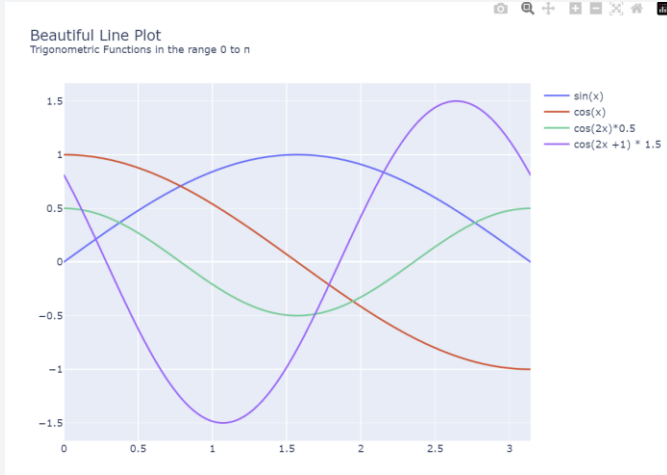
Differentiate between exploratory charts and explanatory charts



Proposed design for the exercise



The issue at hand



Solution is having internal style templates.

Internal python package

Organize your code into a directory structure with a main folder, subfolders for modules, and an `__init__.py` file in each folder

Define functions and classes within separate `.py` files

Create a `setup.py` file to specify package metadata

pip install your package using pip to your venv or conda environment

Host your package on a repo

Alternatively use a private artifact storage like Nexus or Artifactory or Azure DevOps Artifacts

Business content without the Yawns & Headaches

<https://slides.therichview.com/>



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