JENNIFER HY LIN

DATA ANALYTICS PROJECTS

current | 2022

Phenotypes associated with rare diseases[1]

RStudio and Jupyter notebook in Anaconda

- Exploratory data analysis stage
- Used R mainly with some Python initially for data cleaning

current | 2022

COVID-19 antivirals in phase 3 clinical trials

RStudio and/or Jupyter notebook in Anaconda

- Data wrangling stage
- Data collected from ClinicalTrials.gov

2022 | 2022

Drugs in rare diseases[2]

RStudio and Jupyter notebook in Anaconda

- Completed
- Two R versions with one in base R and the other in Tidyverse
- Python version available

2022 | 2022

Natural history of rare diseases - malformation syndrome[3]

Jupyter notebook in Anaconda

- Completed
- All in Python

2022 | 2022

Long COVID data in SQL[4]

Dbeaver

- Completed
- Used mySQL server

2022 | 2022

Long COVID dashboard[5]

Tableau Public

- Completed
- Dataset from journal paper

View this CV online with links at *jhylin.github.io/Portfolio-projects/Resume_JHYL.html*

CONTACT

jennyhylin@gmail.com

jenhylin

GitHub

My data analytics and research portfolio

LinkedIn profile

ANALYTIC SKILLS

- Python
- SQL
- R
- Matplotlib
- Seaborn
- Plotly Dash
- ggplot2
- Tableau
- Version control with Git

*Made with the R package **pagedown**.*

The source code is available on GitHub.

Acknowledgement to another helpful source on GitHub

Last updated on 2022-07-27.

EXPERIENCE

current | 2021

Registered pharmacist
Canterbury, New Zealand

Unichem Spitfire Square Pharmacy

- Locum pharmacist
- COVID-19 vaccinator

2020 | 2019

Registered pharmacist
Canterbury, New Zealand

Christchurch Hospital Pharmacy

- Clinical pharmacist

2019 | 2012

Registered pharmacist
New South Wales, Australia

Calvary Healthcare Kogarah

- Clinical pharmacist

2012 | 2008

Registered pharmacist
Canterbury, New Zealand

- Various community pharmacies from 2008 to 2009
- Christchurch Hospital Pharmacy from 2009 to 2012

EDUCATION

2019 | 2015

Doctor of Philosophy
New South Wales, Australia

University of Sydney

- Medicinal and computational chemistry
- Drug discovery and design
- Thesis title: The use of computer-aided drug design in small molecule drug discovery[6]

2014 | 2012

Master of Philosophy
New South Wales, Australia

University of Sydney

- Medicinal and computational chemistry
- Drug discovery and design
- Thesis title: Design, synthesis and testing of novel anti-cancer agents targeting secretary pathway calcium ATPase[7]

2006 | 2003

Bachelor of Pharmacy
Otago, New Zealand

University of Otago

CERTIFICATION

2022 | 2021

Data Science Professional Certificate
IBM

Coursera

- Started from 11th September 2021 and completed by 28th January 2022