

[1] Basic Math and Common Sense

[1.1] Internal Rate of Return (IRR) and the notorious Reinvestment Assumption

https://rpubs.com/rafael_nicolás/irr_mirr

[1.2] Fee effectiveness in real estate and private equity investments

https://rpubs.com/rafael_nicolás/fee_effectiveness

[1.3] The Pragmatics of Private Markets Investing

<https://jpm.pm-research.com/content/46/5/79>

[2] R Programming and Domain Knowledge

[2.1] Modeling a Bachelor Rental Development Project

<https://github.com/rnfermincota/academic/tree/main/teaching/NUS/Data-Engineering/2-Real-Assets/Real-Estate/analysis>

[2.2] Tricks to deploy cash flow models, and interactive dashboards to develop a competitive edge in real assets investing.

<https://github.com/rnfermincota/academic/tree/main/teaching/NUS/Data-Engineering/2-Real-Assets/Real-Estate/dashboard>

[2.3] Vectorizing the water utility's policy simulation model

<https://github.com/rnfermincota/academic/tree/main/teaching/NUS/Data-Engineering/2-Real-Assets/Water-Utility>

[3] Data Engineering

[3.1] Airbnb Data Analysis for Singapore

https://rpubs.com/rafael_nicolás/airbnb_singapore_data_analysis

[3.2] Tidying Saudi Aramco Valuation

https://rpubs.com/rafael_nicolás/aramco

[3.3] Applying Data and Analytics in Private Markets Investing

https://rpubs.com/rafael_nicolás/nus_pe_ds_course

[4] Statistical Learning

Time series forecasting with panel data and ensemble stacking with model.time

<https://github.com/rnfermincota/academic/tree/main/teaching/NUS/Statistical-Learning/3-Forecasting/modeltime>

[5] Final Project

[4.1] FFORMA: Feature-based Forecast Model Averaging

<https://robjhyndman.com/publications/fforma/>

[4.2] Retail sales forecasting M5 competition

<https://github.com/rnfermincota/academic/tree/main/teaching/NUS/Statistical-Learning/3-Forecasting>