AI and Data Scientist **Statistics Mathematics** Statistics, CLT Linear Algebra, Calculus, Mathematical Analysis **Hypothesis Testing Differential Calculus Probability and Sampling Econometrics AB Testing** Pre-requisites of Econometrics Fundamentals of econometrics Regressions, time series, fitting distributions **Increasing Test Sensitivity** Intro to Econometrics Minimum Detectable Effect Coursera: Econometrics Paper: Improving Test Sensitivity Paper: Improving Sensitivity (CUPED) Kaggle — Learn Time Series **CUPED at Booking.com** Kaggle — Time Series Basics Doordash: CUPAC **ARIMA Model for Time Series Netflix: Stratification Time Series Models Ratio Metrics** Forecasting Task with Solution Microsoft: Delta Method in Metric Analytics Coursera: Linear Regression Paper: Ratio Metrics Exploratory Data Analysis (EDA) Coding Learn Python Programming Language Data understanding, Data Analysis, Vizualisation Exploratory Data Analysis With Python and Pandas Learn Python - Kaggle **Exploratory Data Analysis for Machine Learning** Google's Python Class **Exploratory Data Analysis with Seaborn** Data Structures and Algorithms (Python) Algorithmic Exercises Study Plans - Leetcode **Machine Learning Algorithms Specialization** Classic ML (Sup. and Unsup.) Advanced ML (Ensembles, NNs) Learn SQL Open Machine Learning Course - OpenDataScience **SQL Tutorial Machine Learning Specialization** Pattern Recognition & ML by Christopher m. bishop **Deep Learning** Fully connected NN, CNN, RNN, LSTM, Transformers, Transfer Learning **Deep Learning Specialization** MLOps Deep Learning Book Deployment models, CI/CD Attention is all you need **MLOps Specialization** Courses The Illustrated Transformer **Keep Learning**