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