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Personal roadmap to guide my studies.

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razevedo1994 add references to docker ...

on May 7 ⌚ 11

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author **razevedo1994** License **GPLv3** contributions **welcome**

Data Engineer Roadmap

Created by: [Rodrigo Azevedo](#)

- YouTube [How Data Engineering Works](#)

Code versioning

- [What is version control?](#)
- [Versionamento Semântico](#)
- YouTube [Curso completo de GIT](#)

Programming Language

- LinuxTips [Python Base](#)
- YouTube [Python for Data Engineering](#)
- Udemy [Complete Python Bootcamp From Zero to Hero in Python](#)

Python Virtual Environments

- YouTube [Ambientes virtuais e instalação de bibliotecas](#)
- Real Python [Python Virtual Environments: A Primer](#)

SQL

- Twitch [Curso de SQL do Zero - Teo Calvo](#)
- Udemy [The Complete SQL Bootcamp](#)
- YouTube [SQL Tutorial - Full Database Course for Beginners](#)

Linux

- YouTube [Linux Command Line Full course](#)
- Udemy [Linux for Beginners](#)
- [Shell Script: Introdução e Como Automatizar Tarefas](#)
- [Introduction to automation with Bash scripts](#)
- [Bash Automation & Scripting Basics](#)
- [27 Simple Bash Scripting Tips for Beginners](#)
- [The Ultimate Programmer's Guide to Bash Scripting](#)
- [8 Bash Script Tips for Automation Projects](#)

HTTP/HTTPS

- YouTube [HTTP Crash Course & Exploration](#)

API's

- YouTube [APIs for Beginners - How to use an API](#)
- Youtube [What Is A RESTful API? Explanation of REST & HTTP](#)

Docker

- [Começando com Docker](#)
- YouTube [Docker Tutorial for Beginners](#)
- YouTube [Docker Compose Tutorial](#)
- [Dockerfile reference](#)
- [Dockerfile: principais comandos e instruções](#)
- [Docker: Desvendando o DockerFile](#)

- [Dockerfile - Principais comandos para criar a receita da imagem](#)
- [Dockerfile cheat sheets](#)

Concepts
Big Data: Entenda mais sobre esse conceito
Data Lake vs Data Warehouse
Data Modeling
Data Warehouse

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Data Lake
ETL vs ELT
Data Mesh
Batch Processing vs Stream Processing
Batch Processing Example
Stream Processing Example

Big Data Fundamentals

- YouTube [Big Data Tutorial For Beginners](#)
- Udemy [The Hadoop Ecosystem](#)

Data Warehouse

- Udemy [Data Warehouse Fundamentals for Beginners](#)

Data Orchestration

- Udemy [The Complete Hands-On Introduction to Apache Airflow](#)
- Udemy [Apache Airflow: The Hands-On Guide](#)
- YouTube [Supletivo DH - Apache Airflow](#)

Big Data Processing

- Udemy [Spark and Python for Big Data with PySpark](#)

Cloud

- Udemy [AWS](#)

Releases

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Packages

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