

razevedo1994 / data_engineer_roadmap Public

Personal roadmap to guide my studies.

☆ 54 stars ⚡ 7 forks

Star

Notifications

Code Issues Pull requests Actions Projects Wiki Security Insights

main ▾

Go to file



razevedo1994 add references to docker ...

on May 7 11

[View code](#)

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
:≡ readme.md
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

No releases published

Packages

No packages published