



# DATA STACK ACADEMY

In partnership with

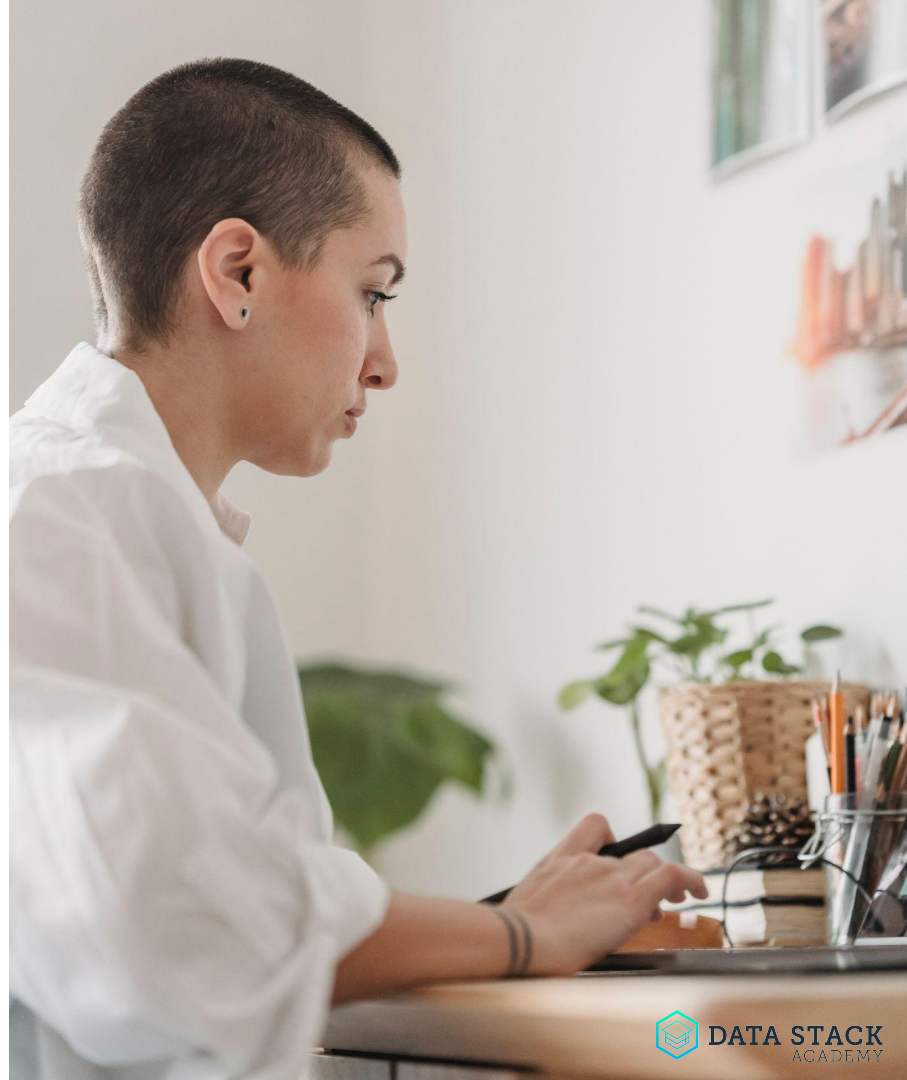


## Data Engineering Bootcamp

**6 months** change your life

Join the most **in-demand** field in **tech**

The next Data Engineering track  
starts **October 10th, 2022**





# Track **Highlights**

## Placed **Internship**

**Experience** before entering the **job market**. Placed **5-wk** internship

[more info](#)

**27** weeks of full-time practice, instruction, **career services**, and **mentorship**

Fully **remote**

Graduate with experience, skills, and a polished **portfolio**



**Standard** Tuition: \$11,700

Up-Front **Discount:** \$8,700

Available **loans**, **financing** options, and financial **aid** programs

[more info](#)

in **partnership**  
with **Epicodus**

[Epicodus.com](https://epicodus.com)

[DataStackAcademy.com](https://DataStackAcademy.com)

# Free 2-hour Workshops



Saturday, **September 10<sup>th</sup>**  
**10am - 12pm** PDT

Saturday, **October 1<sup>st</sup>**  
**10am - 12pm** PDT

- What is Data Engineering?
- How to get **started** in this field?
- Hands-on **Python** workshop



[Register](#)  
Workshops &  
Webinars



[Schedule](#)  
1:1 Q&A  
Session



# Becoming a Data Engineer Cheatsheet

In-depth [Guide](#) to becoming a data engineer on your [own](#)

## FREE Step-by-Step Guide

1. Join public groups & forums
2. Set up a development machine
3. Learn basic skills: Python, SQL
4. Build a coding profile on Github
5. Learn Advanced skills
6. Tackle real-world projects
7. Get ready for your first job
8. Pursue Cloud certifications

## 1 Groups & Forums

Educate yourself on this field. Read daily news, network, and join online discussions:

- Setup [Google Alert](#) for daily news
- Follow [Data Engineering](#) SubReddit
- [DataTalks.club](#)
- Data Stack Show [podcast](#)
- Search events w. "data engineering" tag on [LinkedIn](#) & [Eventbrite](#)
- Portland Meetup Groups: [PDXWIT](#), [PDX WWCode](#), [Free Code Camp](#)

## 2 Setup

Having a proper setup makes all the difference. Install the following software:

- [Visual Studio Code](#)
- Windows only: [WSL](#)
- [Python](#) + [pip](#) + [virtualenv](#)
- [Jupyter](#) Notebooks
- [Git](#)
- [Docker](#)

## 3 Basic Skills: Python, SQL

Python and SQL are the must know languages of data. There are many online resources. Our favorite interactive sites:

- Mosh's [YouTube](#) video
- [Scrimba](#) free interactive python course
- [Educative](#) interactive course
- [Datacamp](#) course
- Python exercises by [HackinScience](#)
- Python challenges by [SoloLearn](#)
- Mosh's SQL [YouTube](#) video
- [SQLBolt](#) interactive SQL
- [Codecademy](#) SQL course
- Data Engineering [Roadmap](#)

## 4 Github

[Github](#) is your public coding profile. Companies use Github as a way to screen candidates. Create a public repo on Github for every project you work on.

## 5 Advanced Skills

Advanced popular Data Engineering tools to research, learn, and add to your portfolio:

- dbt
- Apache Airflow
- Apache Spark
- Snowflake
- Cloud: Azure, GCP, or AWS
- Data Warehousing

## 6 Projects & Datasets

Get your hands on real-world datasets and projects:

- Kaggle [Datasets](#)
- Kaggle [Competitions](#)
- [DataHub.io](#)

## 7 First Job Hacks

Landing your first job is hard. Here are some hacks:

- [Challenges](#) to prep for interviews
- Look for Freelancing jobs on [Upwork](#) and [Fivrr](#)
- Apply at [data consulting](#) companies
- Contact headhunters on [linkedin](#)

## 8 Certifications

Cloud vendors provide associate-level data engineering certifications. Pursue these:

- [Google Cloud](#)
- [Microsoft Azure](#)

## [Data Stack Academy](#)

We are a data engineering bootcamp. Our six months long program starts from scratch and offers internship placement.

We offer free webinars and [workshops](#).

