

FAQs - Factored Data Engineering Program

What You Can Expect:

Our team is composed of data engineering experts, educators, and industry leaders. We've designed a curriculum that aims to make engineers industry-ready in 3 months. The Data Engineering Program comprises 3 components:

1. Online content with extended discussions, assignments and weekly projects.
2. Literature review.
3. Capstone projects based on real-world problems and datasets that meticulously adhere to good practices in development.

Our program is optimally designed to cover the technical challenges behind Data Engineering, from the foundations behind learning algorithms to the computational challenges to build and scale successful data pipelines in real-world scenarios.

Who Should Apply to the Program:

- People with the desire to transition to Data engineering. You might be a good fit if you are a junior data engineer, a data analyst, a machine learning engineer or a backend developer wanting to transition to data engineering.
- Bachelor's degree in Computer Science, Systems Engineering, Applied Mathematics, Data Science, or other engineering fields.
- Proven passion for data-related problems, reflected in any of the following: work experience, personal projects, theses, articles, publications, conferences and other Data-related projects.
- Strong Computer Science and Database foundations.
- Strong problem solvers and quick learners.
- Basic understanding and experience with Backend Development.
- Proficiency in any programming language and SQL.
- Good communication skills in English.

Nice to have but not mandatory:

- 1+ years of professional experience (Data Related Projects, BackEnd, Researching).
- Python/Scala is a plus.

- Apache Spark and Apache Hadoop are a plus.
- Cloud Computing is a plus.

When Does the Program Start?

- It starts in September 2021 and will run for approximately 3 months.
- This is a fully remote training program.

How Much Does the Program Cost?

Factored does not charge upfront; we pay a monthly stipend for our scholars, and if they successfully complete the program, we offer them full-time employment. When joining the training program, you will agree to sign a blank promissory note with the equivalent amount of the training program investment. However, if you remain a Factored employee for 3 years, the entire training cost is considered to have been repaid.

What is the Admission Process?

- Candidates need to complete an online application.
- Candidates who pass the resume screening will receive two invitations to complete two different tests, which will be scheduled on different dates:
 - Algorithmic Coding:
Duration: 2 hours
Available dates: August 4th & August 7th.
 - SQL querying:
Duration: 2 hours
Available dates: August 8th & August 11th.
- You will receive study material to help you to prepare for the assessment.
- Candidates who pass the assessment stage will receive instructions for the tech interview.
- Candidates who pass the above stages will receive instructions for the cultural fit interview with our CEO, Israel Niezen.

How can I prepare for the test?

On July 30th 2021, we will send you the study material to prepare yourself for the online assessments (Algorithm Coding and SQL querying).

How much money do you pay and what type of contract do you offer?

- You will receive a generous stipend to cover your living costs while on the training program. You'll be on a services contract for 3 months while on the program.
- After you finish training and receive an offer from Factored, you'll be given a full-time employment contract with a competitive, market-leading salary.

Do I have to relocate to Colombia?

No, we're accepting candidates from anywhere in LATAM.

Is English communication required?

Yes, you need to have a high level of written and spoken English.

I'm not a Software Engineer or Data Engineer. Can I apply to the program?

It's nice to have a CS or related Bachelor's degree as a minimum, but if you think you have the right skillset don't hesitate to apply.

How many years of experience do I need to have to apply to the training program?

Ideally 1-2+ years of experience, but we encourage recent graduates to apply as well.

What is the hiring process after the training program?

You need to successfully complete the training program to start working as a full-time employee at Factored. By the end of the program you will have an assessment and a project to assess your technical skills.

At Factored, we are committed to providing an environment of mutual respect where equal employment opportunities are available to all applicants regardless of race, color, religion, sex, pregnancy (including childbirth, lactation and related medical conditions), national origin, age, physical and mental disability, marital status, sexual orientation, gender identity, gender expression, genetic information (including characteristics and testing), military and veteran status, and any other characteristic protected by applicable

law. AI Fund believes that diversity and inclusion among our employees is critical to our success as a company, and we seek to recruit, develop and retain the most talented people from a diverse candidate pool. Selection for employment is decided on the basis of qualifications, merit, and business need.