

دوره آموزشی

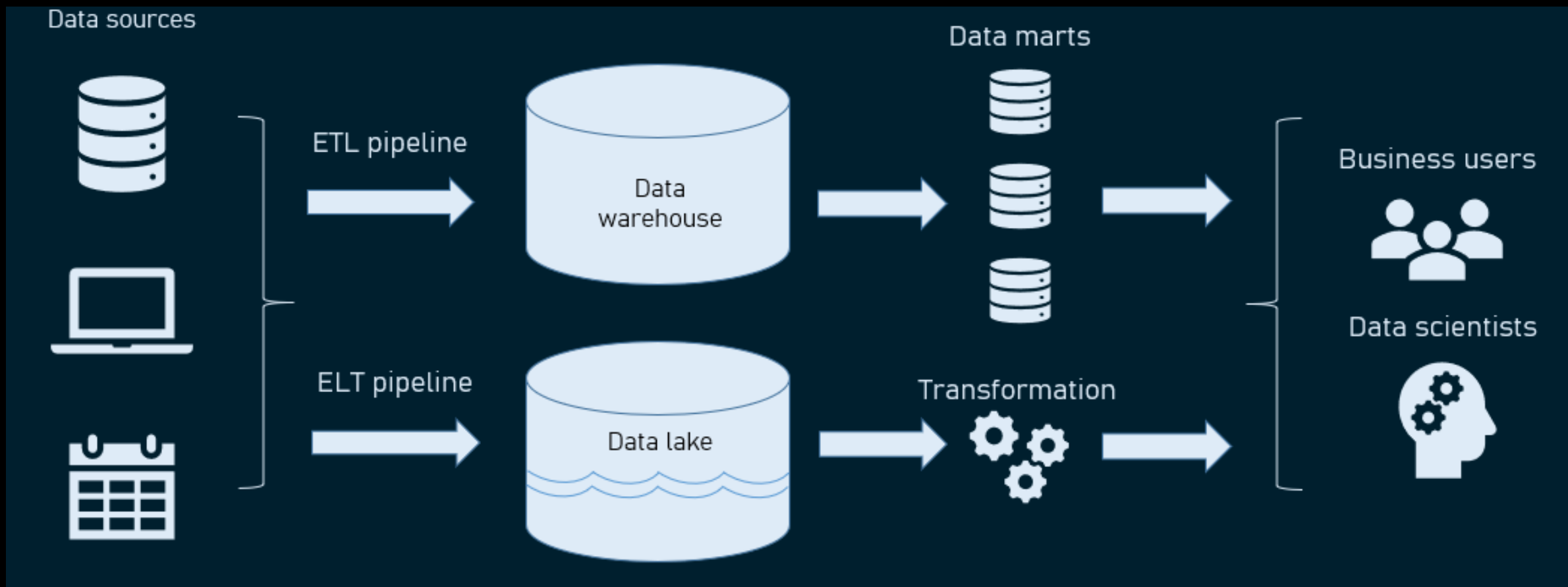


مهندسی داده Data Engineering

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کلیت داستان مهندسی داده چیه ؟ 🤖



Upstream

Downstream



Meri N. • 3rd+

Data Science Enthusiast || ...

2h • Edited • 🌐

+ Follow

I always thought Data Analyst are the most in demand positions in Data. It turns out I was wrong.

Here is an actual number of openings on LinkedIn per each Data related job as of January 2024.

Here is a list in DESC order 📌

- 🔍 **AI Product Manager** - 39,610 openings
- 🔍 **Data Engineers** - 37,517 openings
- 🔍 **Machine Learning Engineer** - 30,836 openings
- 🔍 **MLOps Engineer** - 23,954 openings
- 🔍 **Financial Analyst** - 9,901 openings
- 🔍 **Business Analyst** - 6,633 openings
- 🔍 **Data Analyst** - 6,582 openings
- 🔍 **Data Architect** - 4,561 openings
- 🔍 **Data Scientist** - 3,441 openings

بازار کار مهندسی چگونه ؟ 🤔

محتویات دوره و اینکه چرا از اینها استفاده می‌کنیم 🎯؟

1. Linux (1 Session)- Powerful CLI
2. Docker (2 Sessions)- Make our world easier
3. Airflow (4 Sessions)- An orchestration tool
4. Postgresql (2 Sessions)- Free DBMS
5. Git, Java and HDFS (1 Session for each)
6. Kafka (7 Sessions)- The best message broker
7. Spark (7 Sessions)- An exceptional OS for Data Processing
8. Kubernetes (4 Sessions)- Cluster manager

If you want to
just pick one 🤔

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7. Spark (7 Sessions)- God of Data Engineering World
8. Kubernetes (4 Sessions)- Cluster manager

چرا اسپارک؟ 

Spark - God of the Gods in Data Engineering World

1. Stream Processing
2. Machine Learning
3. SQL
4. Graph
5. Distributed System
6. Genius Contributors
7. Has a dedicated Cloud (Databricks)
8. We can code in Python, Scala, Java and R

تمرکز ما روی کدام قسمت است؟ 

Spark Streaming API

Kafka Streaming API

چه ابزارهایی نیاز داریم؟

1. Windows Terminal (I'll show you my config!)
2. Typora
3. Postman
4. pgAdmin
5. Dbeaver
6. Python
7. Java 8 (or 11)
8. Pycharm, IntelliJ and Visual Studio Code
9. Sublime (Text Editor)

Wish you all the best moments in this
amazing journey;

“Data Engineering Course”

Mohammad Fozouni