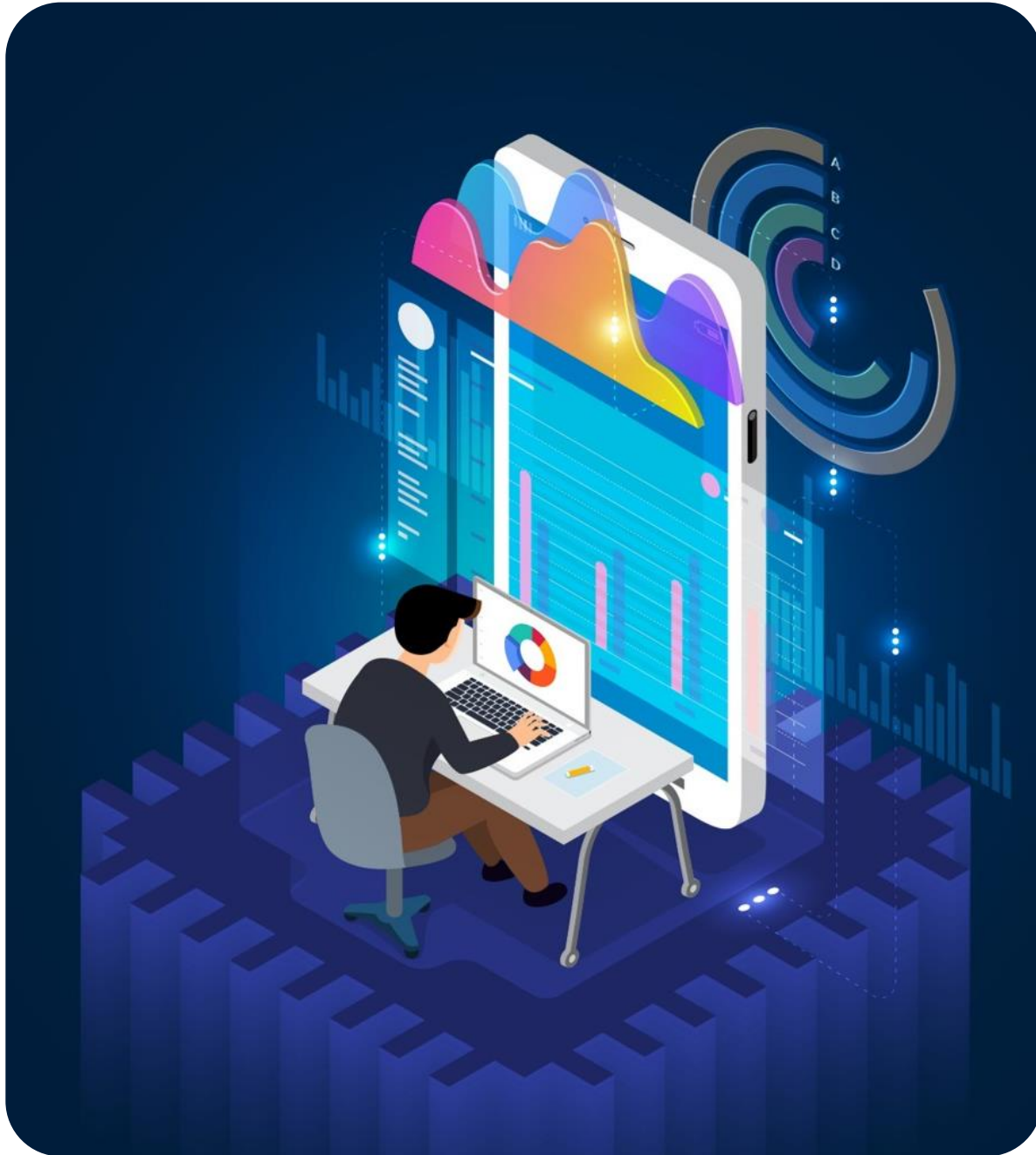




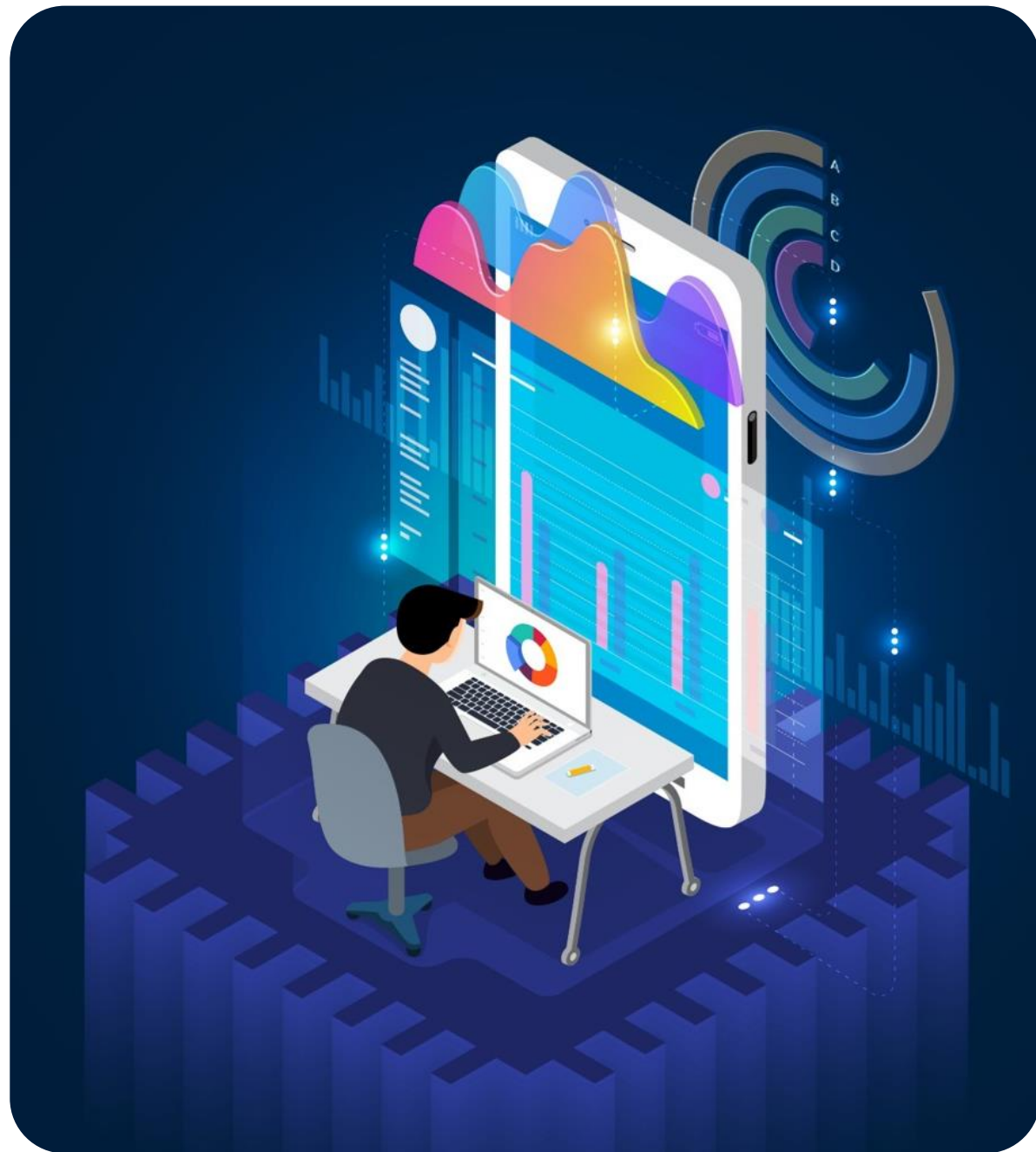
Data Engineering on AWS





Agenda

- What is Data Analytics?
- Who is Data Engineer?
- Data Analytics Pipeline
- Data Analytics Pipeline on AWS



What is Data Analytics?

What is Data Analytics?



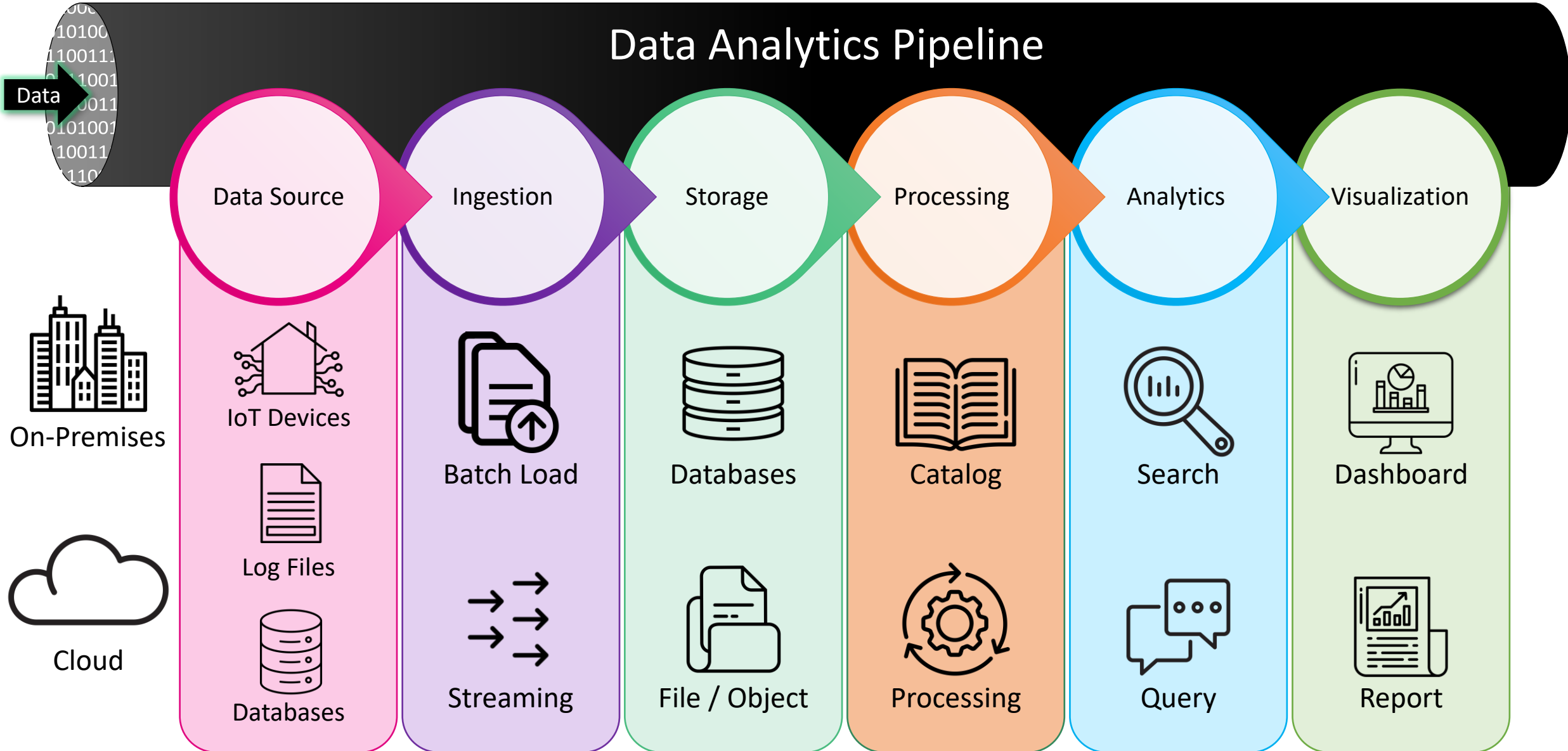
- Data analytics converts raw data into actionable insights.
- It includes a range of tools, technologies, and processes used to find trends and solve problems by using data.
- Data analytics helps companies gain more visibility and a deeper understanding of their processes and services.
- It gives them detailed insights into the customer experience and customer problems.

Data Engineers

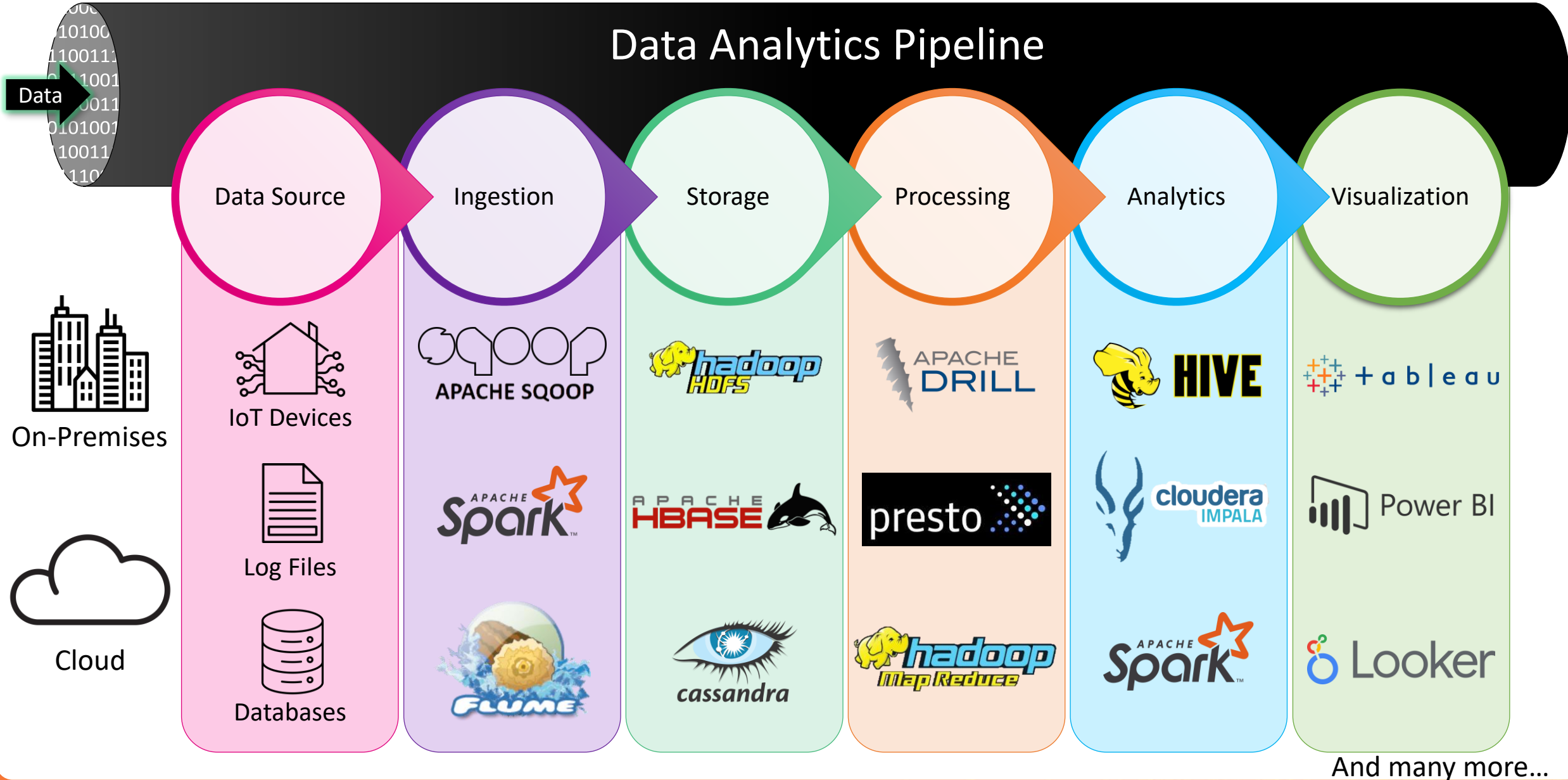


- Data engineers build and maintain the systems that allow data scientists to access and interpret data. They work more closely with underlying technology.
- The role generally involves creating data models, building data pipelines, and overseeing extract, transform, load (ETL).
- Depending on organization setup and size, the data engineer may also manage related infrastructure like big-data storage, streaming, and processing platforms like Amazon S3.
- Data scientists use the data that data engineers have processed to build and train predictive models. Data scientists may then hand over the results to the analysts for further decision making.

How does data analytics work?



Implementing a data analytics pipeline



Data Analytics on AWS

