**Bigdata:-**

It refers to extremely large and complex datasets that are difficult to store, process, and analyze using traditional data processing tools. It involves high volume, high velocity, and high variety of data, and requires advanced technologies and methods to extract meaningful insights.

**Bigdata Engineering :**

It is all about building and maintaining the infrastructure that allows massive amounts of data to be collected, processed, and made useful.

**Problems with Bigdata:**

1. **Volume**
2. **Value**
3. **Visualisation**
4. **Velocity**
5. **Variety**

**To fix the problems with Bigdata started using Bigdata tools and technologies coming to existence**

**Tools and Technologies you will learn Along with me in this course**

1. **SQL (Postgres)**
2. **Python or Java or Scala**
3. **Hadoop (Introduction)**
4. **Spark & Pyspark**
5. **SPARK SQL**
6. **DataBricks**
7. **Cloud technologies (AWS, AZURE and GCP)**
8. **Kafka**
9. **Linux**
10. **ETL Pippeline POC’s**