1. A picture containing icon

   Description automatically generated
2. **Up to Now**:
   1. Familiar with **Kafka Eco-System** Five Components.
   2. Now you know who is who in the **Kafka Stack**.  
      Text

      Description automatically generated
   3. When you should be using which tools.
3. **Agenda for this Section**:
   1. However, these all concepts can be solidified further when you can start doing some hands-on activities and explore them.
   2. With that in mind, we are dedicating this section to help you get started with **Apache Kafka**.
   3. We will be doing following in this section.Text

      Description automatically generated
      1. **Installing Single Node Kafka Cluster**:  
         We’re going to set up a **single node Kafka** on our local machine.
      2. **Using Producer & Consumer**:
         1. We will be using off the shelf **Command Line Kafka Producer & Consumer**.
      3. **Installing Multi-Node Kafka Cluster**:
         1. **Kafka** is a **cluster** of **Brokers**.
         2. So, we will configure three **Kafka Brokers** on our local machine and help you get a feel of how a **Kafka Cluster** works.
      4. **Using Consumer Group**:
         1. As will be using **Command Line Producer** to send some messages, so we will start a couple of **Consumers** to see the **Consumer workload** sharing in action.
4. While we do all this, we will be learning a few more things about the **Kafka Cluster** and how data is store in **Kafka Cluster.**