1. **Agenda**:
   1. We will start to look at the most fundamental Data Structure in Hazelcast -> **Distributed Map**.
2. A picture containing text

   Description automatically generated
   1. **Adding data to a map**:
      1. Adding data to distributed Map.
   2. **Resiliency**:
      1. How Hazelcast stores this data in resilient way. Some of the issues you need to be aware of.
   3. **Persistent Storage**:
      1. We will look at examples of how you can read data into and write data from a map into some form of persistent storage such as a Database.
   4. **Searching maps with predicates**:
      1. We will see how to search for data within a map.
   5. **Indexing**:
      1. How to improve performance of your searches using indexes.