Workloads in the cloud

- **Types of workloads**

- **Packaging options**

- **Execution options**

New architectural concepts…
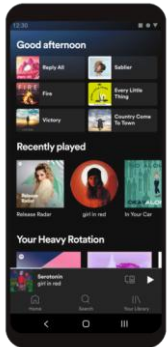
- **I want to motivate two design concepts…**

  1. **Lambda functions**

  2. **Serverless computing**

Multi-tier, data-driven apps

- **Our examples (so far) have all been data-driven**

I/O bound

- **We call this kind of workload "I/O bound"**

  – *Server is spending most of its time waiting for requests / data, i.e. input/output*

  – *This is typically handled via async programming*