Pricing

The use case of such a project could be for instance a service that allows customers train their computer vision model on their data using our expertise. One of the offers is handwriting recognition service which we outsource to Azure. In this proof of concept we basically designed a data pipeline which allows our users upload their pictures and get model predictions.

Current load:

Let's say for the beginning we have 50 users per day who upload 50 high-quality pictures each. That would be 2500 requests per day and 75000 requests per month. We also don't need to store the pictures for more than a week. If each picture is 5mb on average, we'd need 375GB of storage per month.

- Requests: 75000
- Storage: 400GB

With these estimations our costs would be:

- App Service: 1 basic instance running all the time making it €11.08
- Event Hub: for the beginning 1 throughput unit would probably be enough - €9.23
- Azure Functions: with maximum possible memory and 3 seconds of execution time we are still under free limit – €0
- Azure Cognitive Services – 75k requests per month would cost us €63.25
- Storage Account – 500, 75k write and 75k write operations would cost €8.63
- SQL Database – serverless and only for storing recognised text - €1.64

Total: €93.83 per month.

10x:

- App Service: €110.81
- Event Hub: €92.34
- Azure Functions: €40.14
- Azure Cognitive Services: €632.48
- Storage Account: €83.01
- SQL Database €2.42

Total: €962.93

100x: €6984.65

1000x: €55348.42