Letting Prometheus discover microservices in AKS

Start

Now that we have Prometheus running in our AKS cluster, let's update our microservice helm chart so that it allows Prometheus to discover and target our microservices when running in the cloud.

In Infra repo

1. Update helm\microservice\templates\service.yaml:

```
apiVersion: v1
kind: Service
metadata:
  name: "{{.Values.microserviceName}}-service"
  labels:
    appType: {{.Chart.Name}}
spec:
  type: {{.Values.service.type}}
  selector:
    app: {{.Values.microserviceName}}
  ports:
    - name: http
      port: {{.Values.service.port}}
      targetPort: {{.Values.container.port}}
```

2. Add servicemonitor.yaml under helm\microservice\templates:

```
apiVersion: monitoring.coreos.com/v1
kind: ServiceMonitor
metadata:
  name: "{{.Values.microserviceName}}-service"
  labels:
    appType: {{.Chart.Name}}
spec:
  selector:
    matchLabels:
      appType: {{.Chart.Name}}
  endpoints:
  - port: http
```

3. Bump the version of helm\microservice\Chart.yaml:

…

description: Installs a PlayEconomy microservice
version: 0.1.3

4. Package the new chart:

helm package .\helm\microservice

5. Update README steps with the new microservice helm chart version:

Packaging and publishing the microservice Helm chart
```powershell
…
helm push microservice-**0.1.3**.tgz oci://$appname.azurecr.io/helm
```
6. Publish the new chart following README instructions.

7. Commit and push changes

In the next lesson you will use the updated microservice helm chart to start monitoring your Trading microservice with Prometheus and Grafana on AKS.