

# Instructions - call AMLS RealTime Model Endpoint

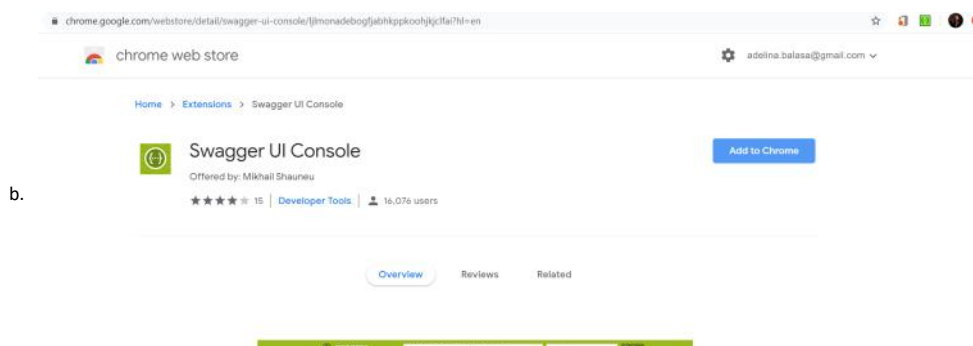
26 February 2020 13:52

## Steps

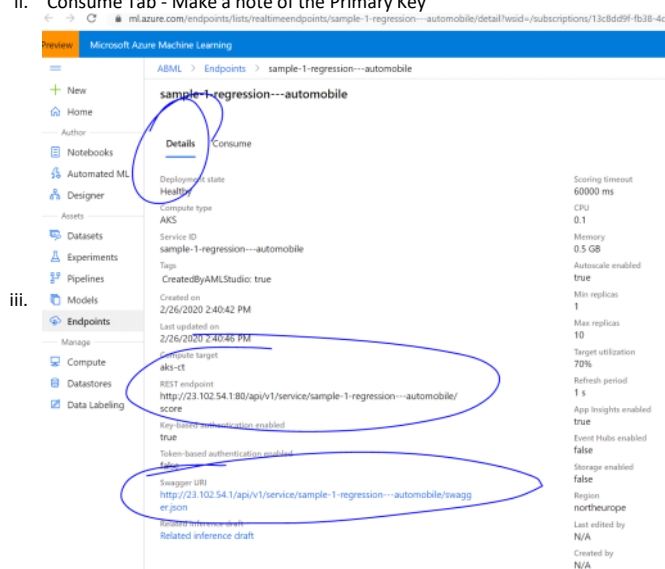
1. Install swagger browser plugin
2. Get URL and authentication info from your model container
  - a. On the left hand side of the menu, go to "Endpoints":
    - i. Details Tab - Make a note of the REST Endpoint and the Swagger URI
    - ii. Consume Tab - Make a note of the Primary Key
3. In the Swagger UI:
  - a. Add swagger url in the input bar at the top and click "Explore"
  - b. Add authentication token
    - i. Click on Authorise (top right) and add in the text "Bearer " followed by your Primary Key. Click on "Authorise"
  - c. Click on "List Operations" and Select "Post",
  - d. Click on the "Example Value" on your left. This will populate your input parameter with sample text; you can change the values of your inputs to test out different data
  - e. Click on "Try it out" to visualise the results.
  - f. Visualise results

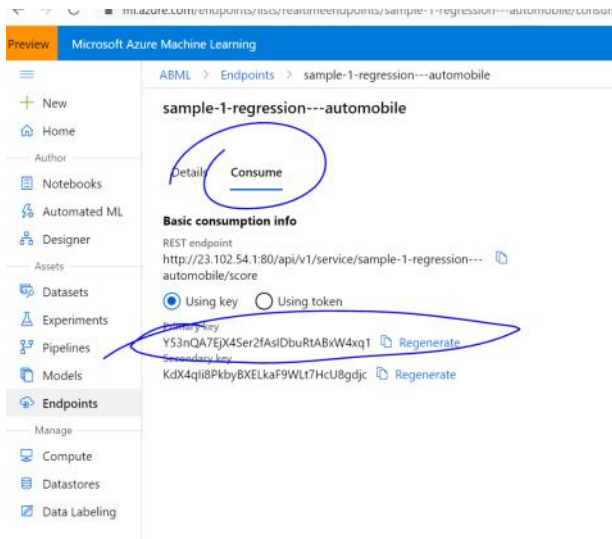
## Detailed instructions

1. Install swagger browser plugin
  - a. <https://chrome.google.com/webstore/detail/swagger-ui-console/ljimonadebogfjabhkpkoohijkiclfai?hl=en>



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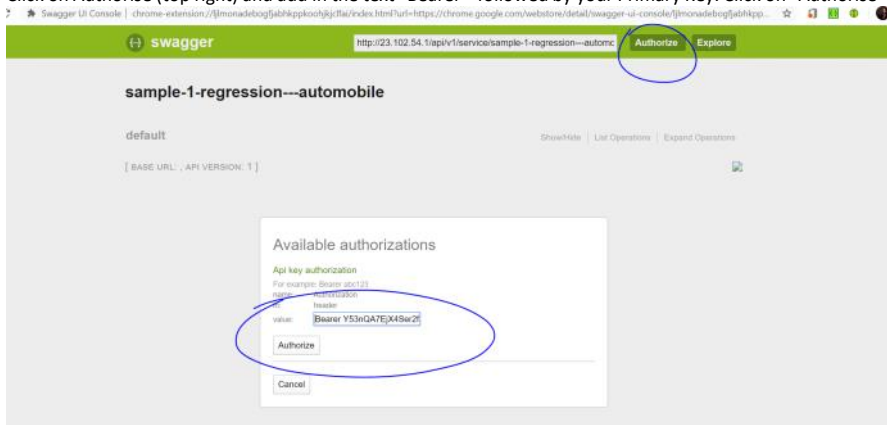




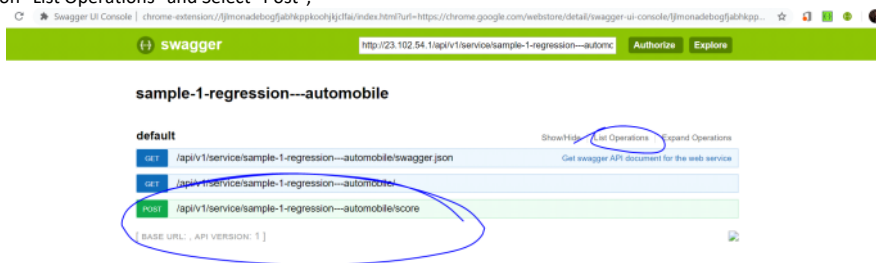
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chrome-extension://ljmonadebogfjabhpkppkoohjkclfai/index.html?url=https://chrome.google.com/webstore/detail/swagger-ui-console/ljmonadebogfjab...

Method: **POST** /api/v1/service/sample-1-regression---automobile/score

Implementation Notes  
Run web service's model and get the prediction output

Response Class (Status 200)  
The service processed the input correctly and provided a result prediction, if applicable

Model: **Example Value**

```
{
  "Results": {
    "WebServiceOutput0": {
      "symboling": 0,
      "make": "string",
      "fuel-type": "string",
      "aspiration": "string",
      "num-of-doors": "string",
      "body-style": "string",
    }
  }
}
```

Response Content Type: **application/json**

Parameters

Parameter	Value	Description	Parameter Type	Data Type
serviceInputPayload	<pre>{   "Inputs": {     "WebServiceInput0": [       {         "symboling": 3,         "normalized-losses": 1,       }     ]   } }</pre>	The input payload for executing the real-time machine learning service	body	Model

Parameter content type: **application/json**

Model: **Example Value**

```
{
  "Inputs": {
    "WebServiceInput0": [
      {
        "symboling": 3,
        "normalized-losses": 1,
        "make": "alfa-romero",
        "fuel-type": "gas",
        "aspiration": "std",
        "num-of-doors": "two",
        "body-style": "convertible",
        "drive-wheels": "rwd",
      }
    ]
  }
}
```

Response Messages

HTTP Status Code	Reason	Response Model	Headers
default	The service failed to execute due to an error	Model: <b>Example Value</b>	

Model: **Example Value**

```
{
  "status_code": 0,
  "message": "string"
}
```

**Try it out!**

f. Visualise results

**Try it out!** [Hide response](#)

**Curl**

```
curl -X POST http://23.102.54.1/api/v1/service/sample-1-regression---automobile/score -H 'Content-Type: application/json' -d '{
  "Inputs": {
    "WebServiceInput0": [
      {
        "symboling": 3,
        "normalized-losses": 1,
      }
    ]
  }
}'
```

**Request URL**

http://23.102.54.1/api/v1/service/sample-1-regression---automobile/score

**Response Body**

```
{
  "pg": 27, "price": 13495.0, "Scored Labels": 13903.183696628472, [{"symboling": 3, "make": "alfa-romero", "fuel-type": "gas", "asp":

```

**Response Code**

200

**Response Headers**

```
{
  "access-control-allow-origin": "*",
  "cache-control": "max-age=0, private, must-revalidate",
  "connection": "keep-alive",
  "content-encoding": "gzip",
  "content-length": "725",
  "content-type": "text/html; charset=utf-8",
  "date": "Wed, 26 Feb 2020 15:11:39 GMT",
  "server": "nginx/1.10.3 (Ubuntu)",
  "x-ms-request-id": "37a030f1-9119-426d-bdb3-5eabafa891c5",
  "x-ms-run-function-failed": "False"
}
```

i.