Machine Setup

# **Anaconda Python**

Download and Install Anaconda Python in your local machine

Recommended: Python 3.6 or later

https://www.anaconda.com/distribution/

Install Instructions: Windows, macOS, Linux

To Test the installation, from **Anaconda Prompt,** run the command:

**python --version**

**Boto3 SDK Install**

Install Boto3 SDK in your local machine

From **Anaconda Prompt,** run the command:

**conda install -c anaconda boto3**

https://anaconda.org/anaconda/boto3

**SageMaker SDK Install**

Install SageMaker SDK in your local machine.

From **Anaconda Prompt,** run the command:

**pip install sagemaker**

https://github.com/aws/sagemaker-python-sdk

**Git Client**

If you don’t have GIT installed, please install Git Client from

https://git-scm.com/downloads

**Clone Repository**

You can now clone the source code for this content to your local machine

From your local directory, run this command

git clone

**Update Security Permissions**

SageMaker SDK now requires couple of additional permissions.

Logon with **my\_admin** account and open **IAM Management Console**

Look for **Policies**

Search for **SageMakerInvokeEndpoint** policy.

If you have not already created a SageMakerInvokeEndpoint policy then follow the below steps to create one.

**Edit Policy**

Select **JSON** and paste the below JSON policy, **review** and **save** the changes

{

"Version": "2012-10-17",

"Statement": [

{

"Sid": "VisualEditor0",

"Effect": "Allow",

"Action": [

"sagemaker:DescribeEndpointConfig",

"sagemaker:DescribeEndpoint",

"sagemaker:InvokeEndpoint"

],

"Resource": "\*"

}

]

}