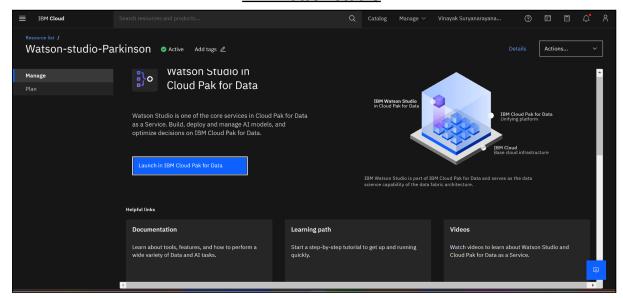
MODEL DEPLOYMENT IN IBM CLOUD

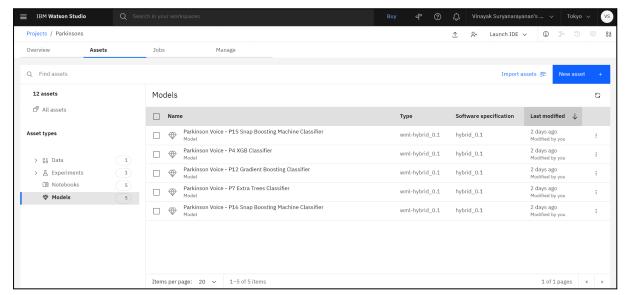
Team ID	PNT2022TMID35637
Project Name	Detecting Parkinsons' Disease Using Machine
	Learning

IBM Watson Studio

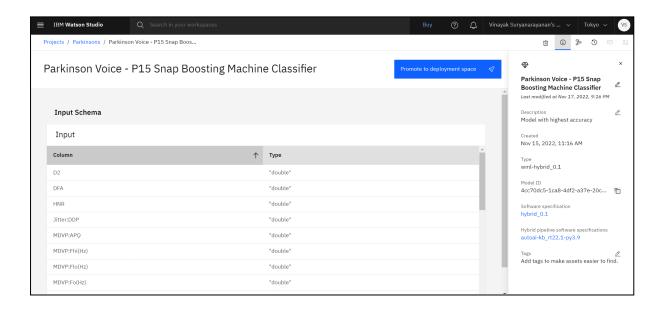


Parkinson's Disease Voice Model Trained Using IBM Auto Al

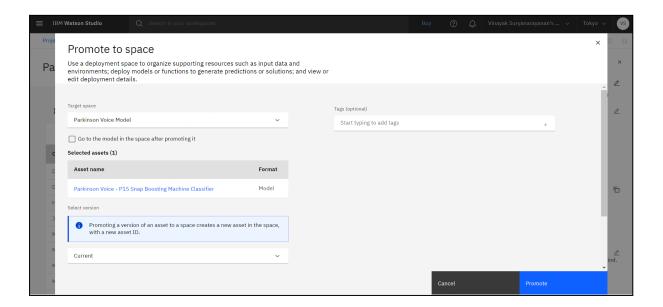
Saved Voice Models



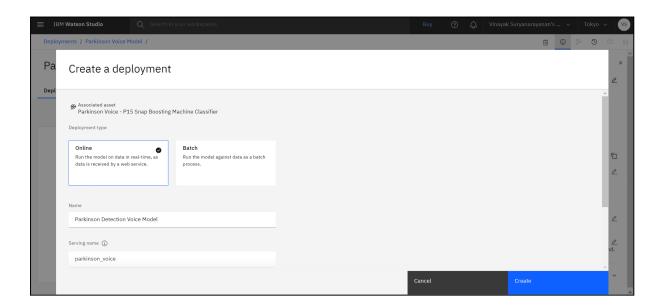
Model With Highest Accuracy



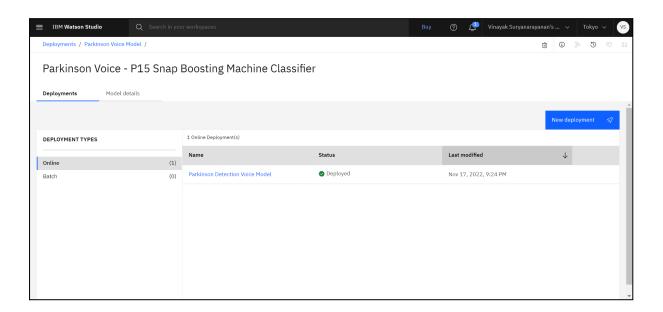
Promoting To Deployment Space



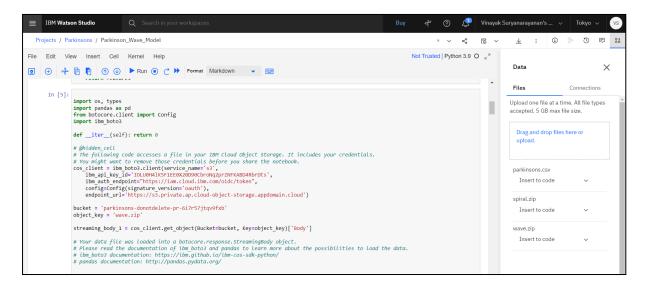
Deployment



Voice Model Deployed Successfully



CODE FOR DEPLOYING CUSTOM MODEL



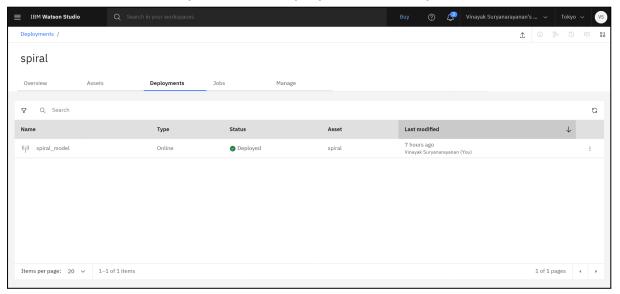
```
In [6]: from io import BytesIO
    import zipfile
    zip_ref = zipfile.ZipFile(BytesIO(streaming_body_1.read()), 'r')
    file_paths = zip_ref.namelist()
    for path in file_paths:
        zip_ref.extract(path)
    zip_ref.close()

In [7]: pwd

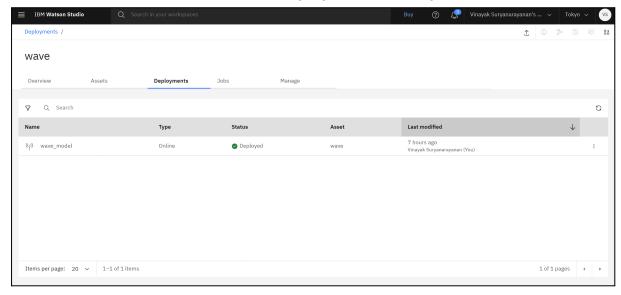
Out[7]: '/home/wsuser/work'
```

```
In [32]: client.software_specifications.list()
                                                                      0062b8c9-8b7d-44a0-a9b9-46c416adcbd9
                   default_py3.6
                                                                                                                                   base
                   kernel-spark3.2-scala2.12
pytorch-onnx_1.3-py3.7-edt
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069ea134-3346-5748-b513-49120e15d288
                   scikit-learn_0.20-py3.6
spark-mllib_3.0-scala_2.12
pytorch-onnx_rt22.1-py3.9
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                                                                                                                                   base
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                                                                                                                                   base
                    ai-function_0.1-py3.6
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                                                                                                                                   base
                   shiny-r3.6
tensorflow_2.4-py3.7-horovod
                                                                      0e6e79df-875e-4f24-8ae9-62dcc2148306
1092590a-307d-563d-9b62-4eb7d64b3f22
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autoai-kb_rt22.2-py3.10
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                                                                                                                                   base
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default_r3.6
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                                                                                                                                   base
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                   pytorch-onnx_1.3-py3.6
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                                                                                                                                   base
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kernel-spark3.3-r3.6
pytorch-onnz_rt22.1-py3.9-edt
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spark-mllib_3.2
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                                                                                                                                   base
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20047f72-0a98-58c7-9ff5-a77b012eb8f5
217c16f6-178f-56bf-824a-b19f20564c49
                                                                                                                                   base
                   tensorflow_2.4-py3.8-horovod
                   runtime-22.1-py3.9-cuda
                                                                      26215f05-08c3-5a41-a1b0-da66306ce658
```

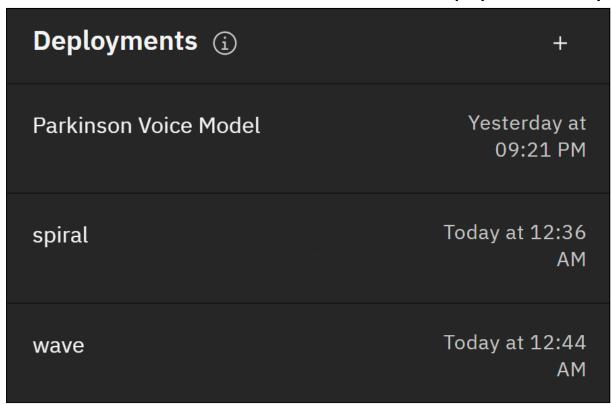
Spiral Model Deployed Successfully



Wave Model Deployed Successfully



All Models For Parkinson's Disease Detection Has Been Deployed Successfully



API KEY

