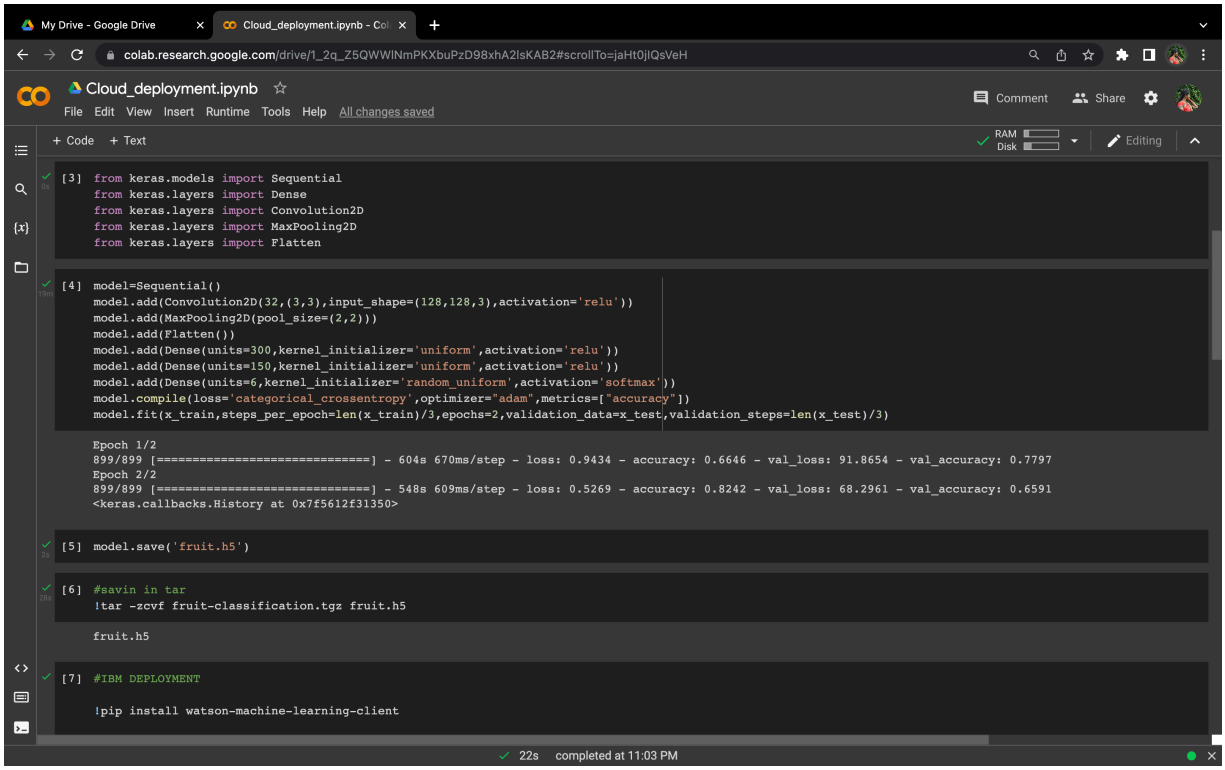
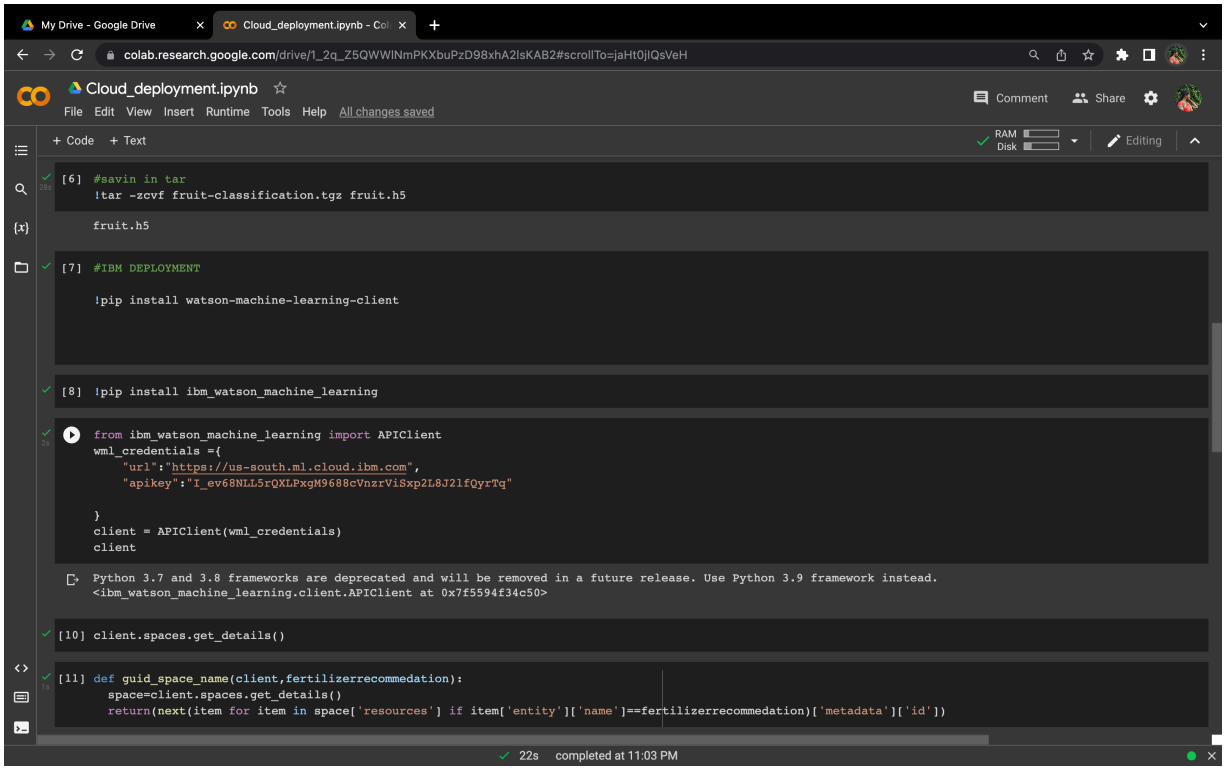
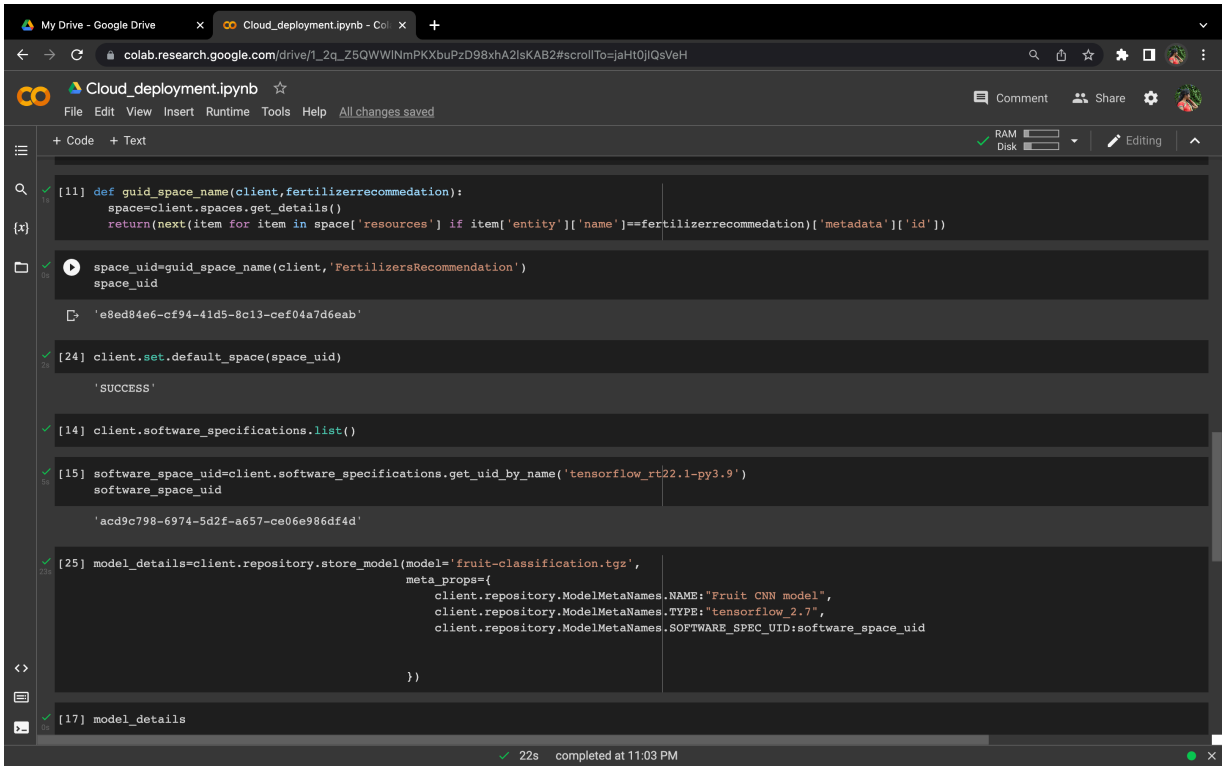
PROJECT DEVELOMENT PHASE

SPRINT-4



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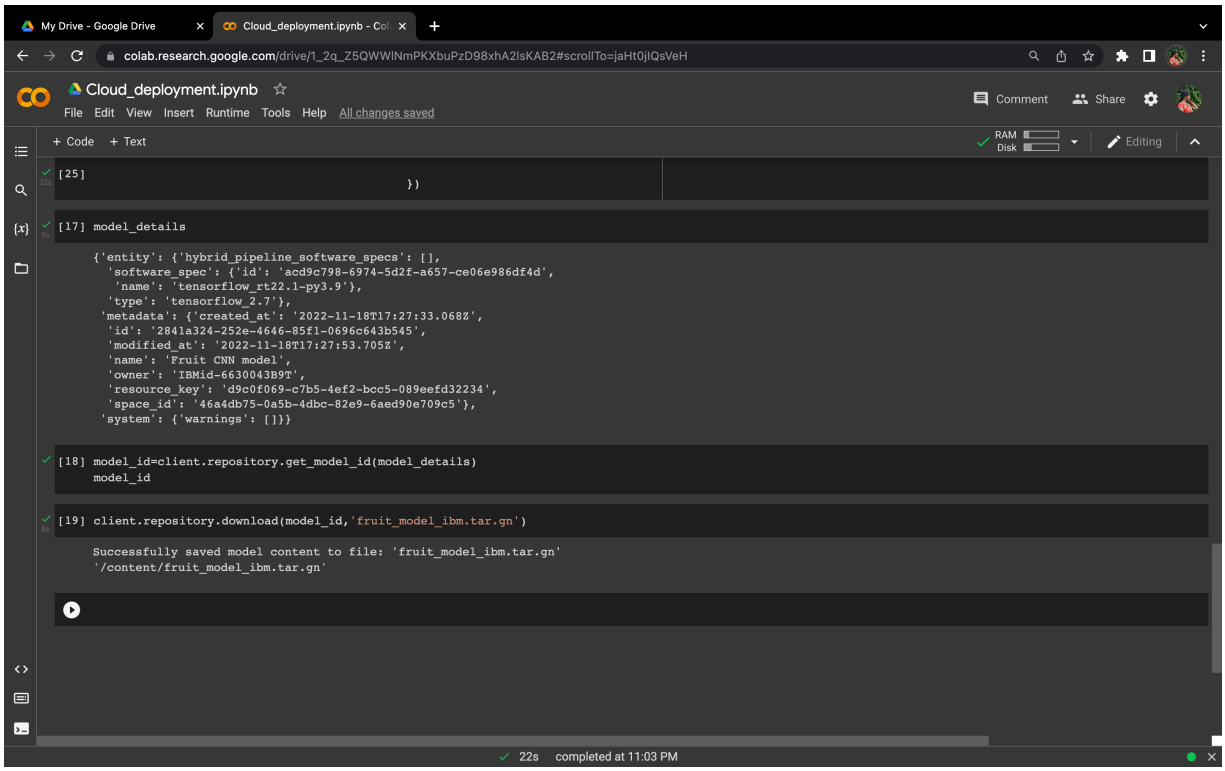
[11] def guid_space_name(client,fertilizerrecommedation):
space=client.spaces.get_details()
return(next(item for item in space['resources'] if item['entity']['name']==fertilizerrecommedation)['metadata']['id'])
space_uid=guid_space_name(client,'FertilizersRecommendation')
space_uid
'e8ed84e6-cf94-41d5-8c13-cef04a7d6eab'
[24] client.set.default_space(space_uid)
'SUCCESS'
[14] client.software_specifications.list()
[15] software_space_uid=client.software_specifications.get_uid_by_name('tensorflow_rt22.1-py3.9')
software_space_uid
'acd9c798-6974-5d2f-a657-ce06e986df4d'
[25] model_details=client.repository.store_model(model='fruit-classification.tgz',
meta_props={
client.repository.ModelMetaNames.NAME:"Fruit CNN model",
client.repository.ModelMetaNames.TYPE:"tensorflow_2.7",
client.repository.ModelMetaNames.SOFTWARE_SPEC_UID:software_space_uid
})
[17] model_details
22s completed at 11:03 PM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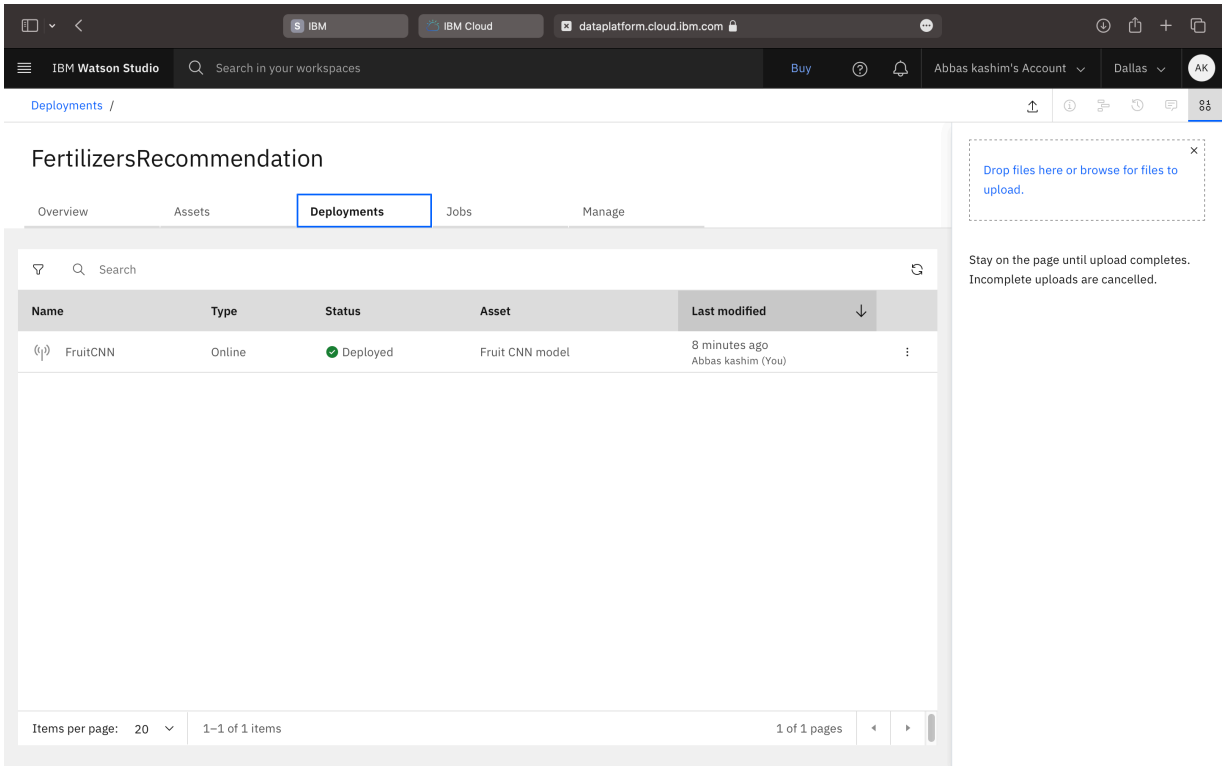
[25]
})
[17] model_details
{'entity': {'hybrid_pipeline_software_specs': [],
'software_spec': {'id': 'acd9c798-6974-5d2f-a657-ce06e986df4d',
'name': 'tensorflow_rt22.1-py3.9'},
'type': 'tensorflow_2.7'},
'metadata': {'created_at': '2022-11-18T17:27:33.068Z',
'id': '2841a324-252e-4646-85f1-0696c643b545',
'modified_at': '2022-11-18T17:27:53.705Z',
'name': 'Fruit CNN model',
'owner': 'IBMid-6630043B9T',
'resource_key': 'd9c0f069-c7b5-4ef2-bcc5-089eefd32234',
'space_id': '46a4db75-0a5b-4dbc-82e9-6aed90e709c5'},
'system': {'warnings': []}}
[18] model_id=client.repository.get_model_id(model_details)
model_id
[19] client.repository.download(model_id,'fruit_model_ibm.tar.gn')
Successfully saved model content to file: 'fruit_model_ibm.tar.gn'
'/content/fruit_model_ibm.tar.gn'
22s completed at 11:03 PM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