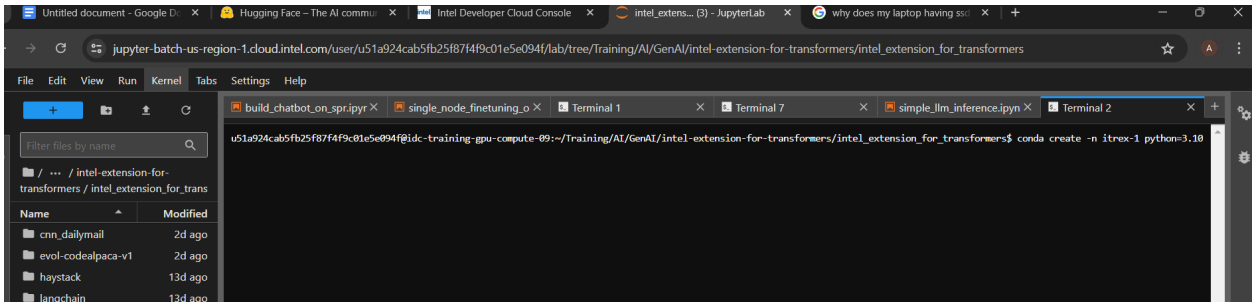
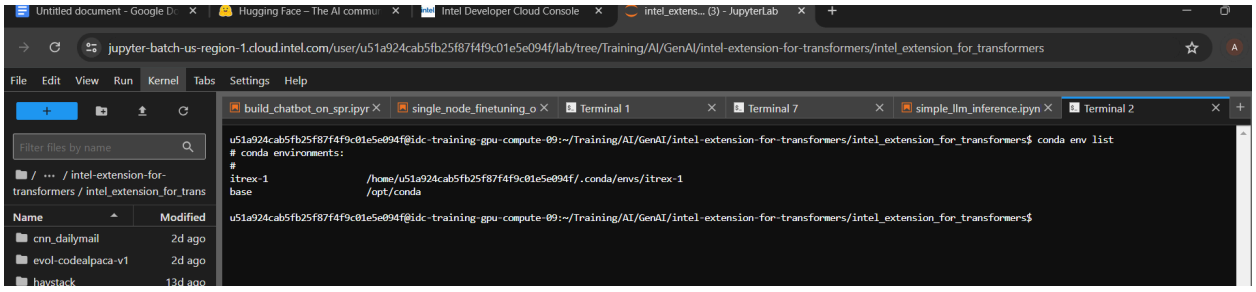
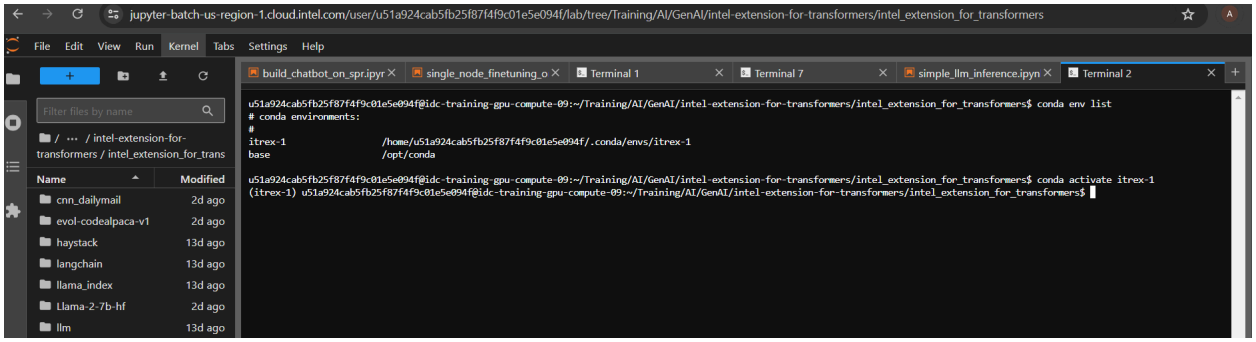
# Creating a Local Environment using anaconda package

Step :1
conda create -n itrex-1 python=3.10



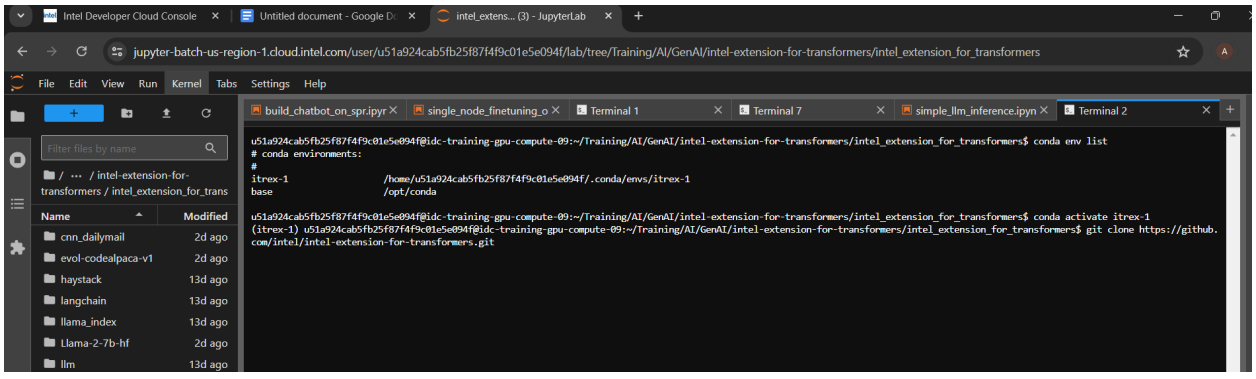

Step:2
Activating the conda environment created
conda activate itrex-1

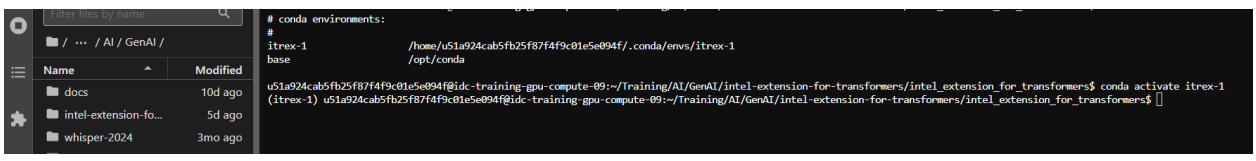





Step :3
Cloning the intel extension for transformers from github

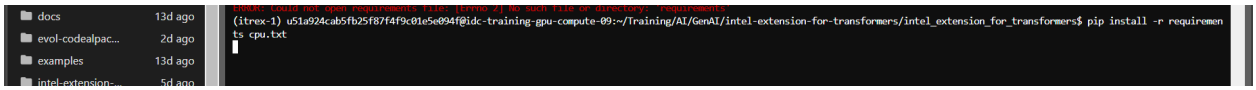
git clone https://github.com/intel/intel-extension-for-transformers.git

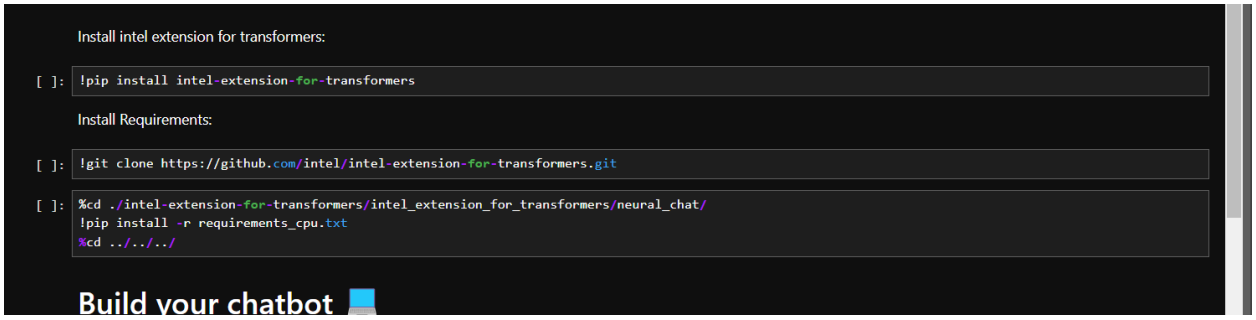


Step 3 :
Installing all required dependencies:

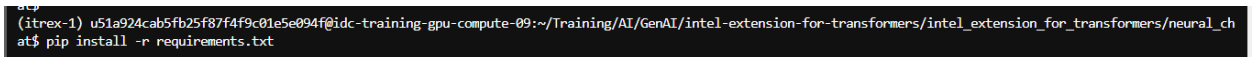
pip install -r requirements cpu.txt

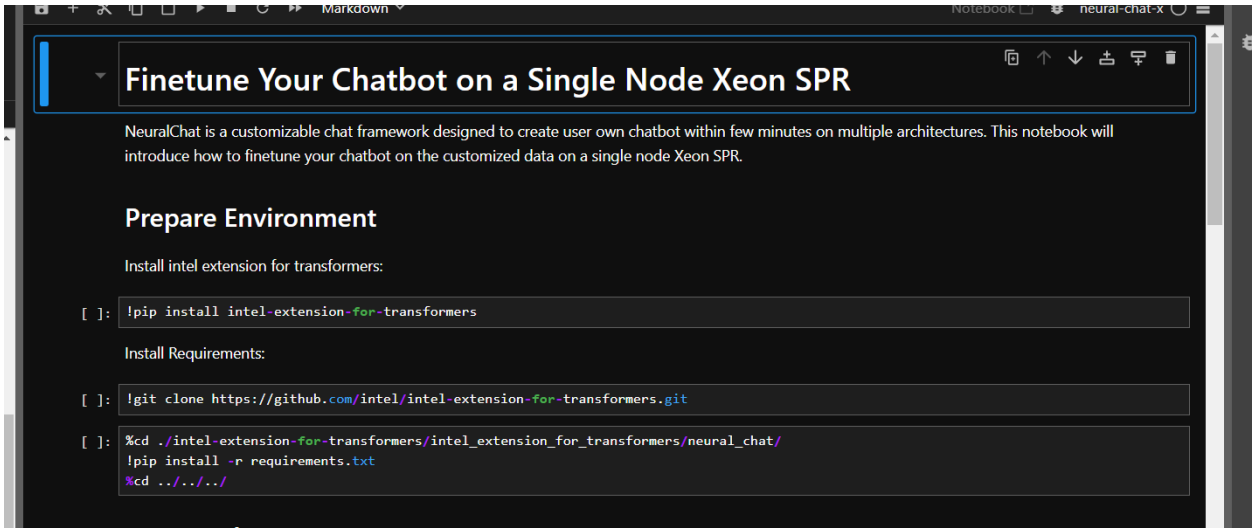


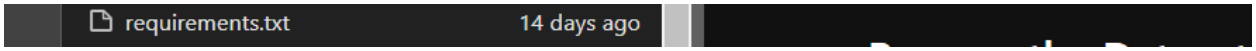





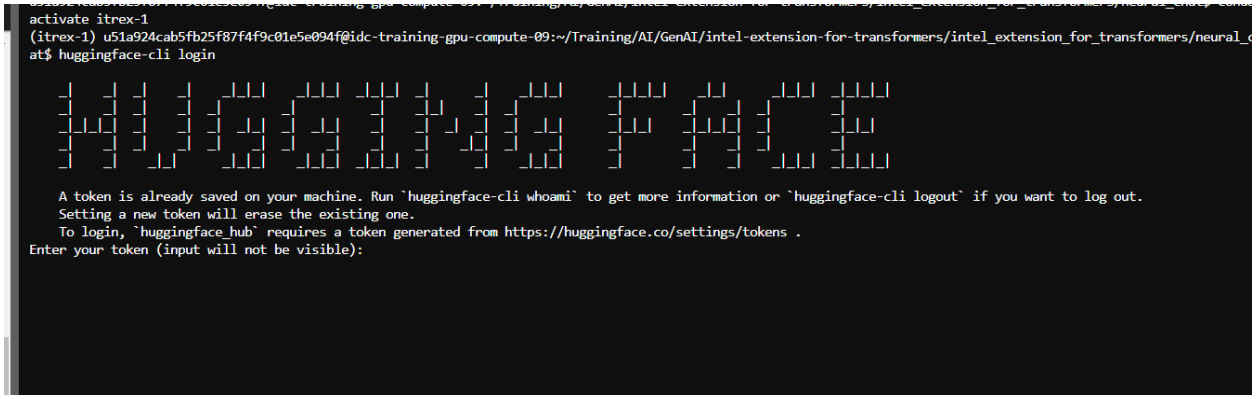
pip install -r requirements.txt



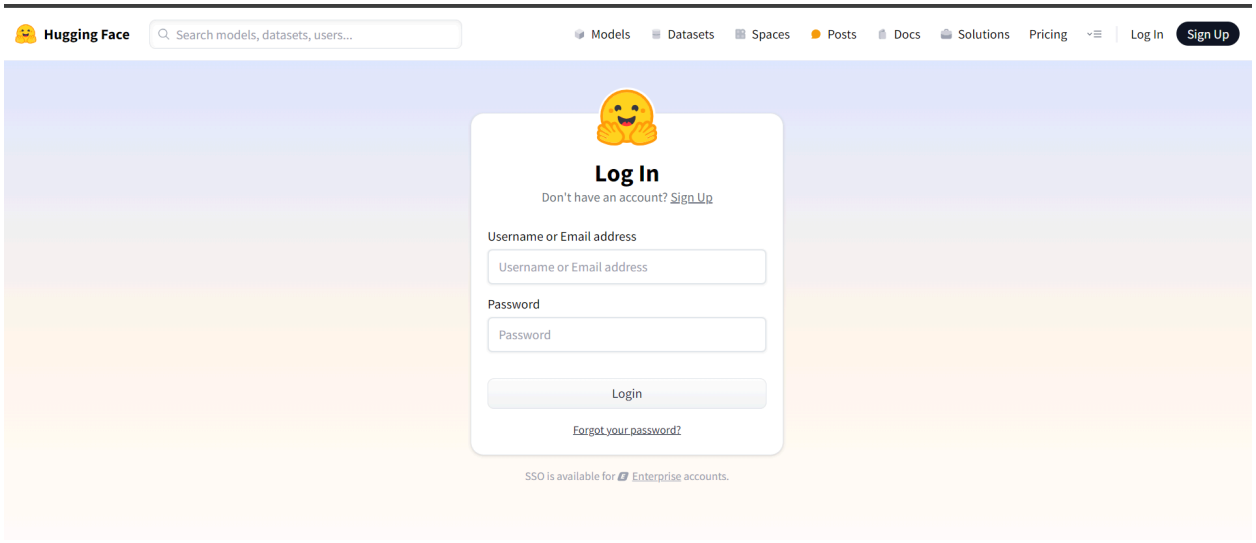


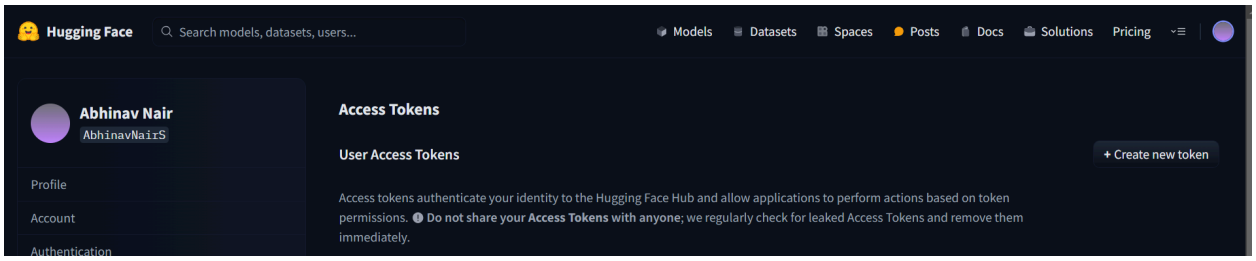

Step 4:
huggingface-cli login

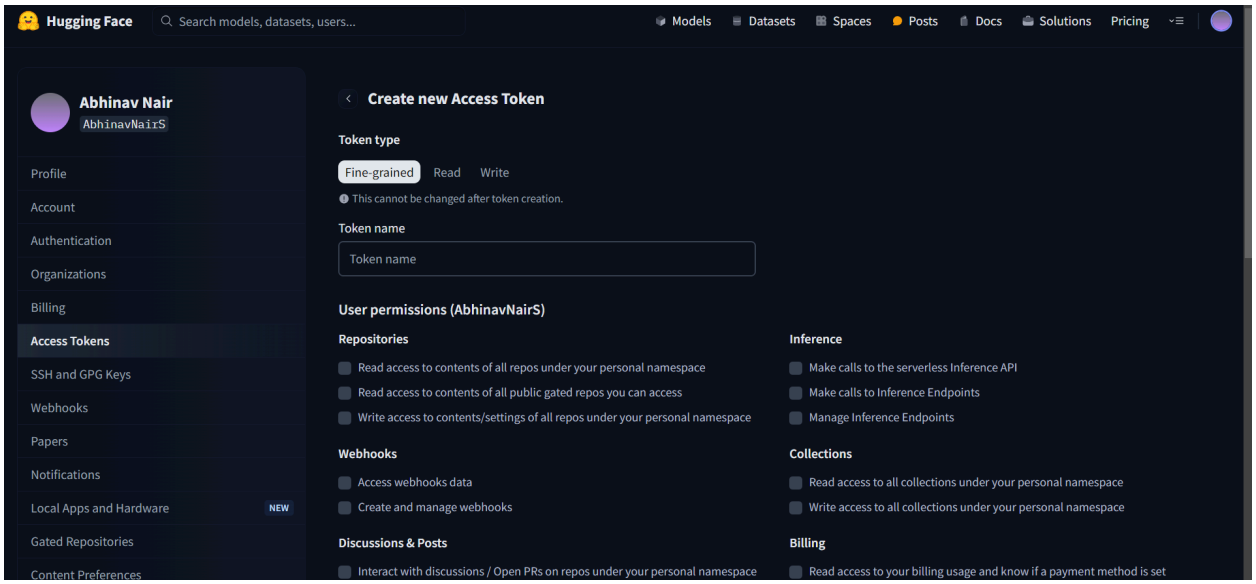



Inorder to use the meta lama dataset we need the huggingface tokens which can can be acquired once we have an acc in hugging face

Step 5:
Once we create an acc in huggingface we can create a token so that we can access the different datatypes in this case meta lama

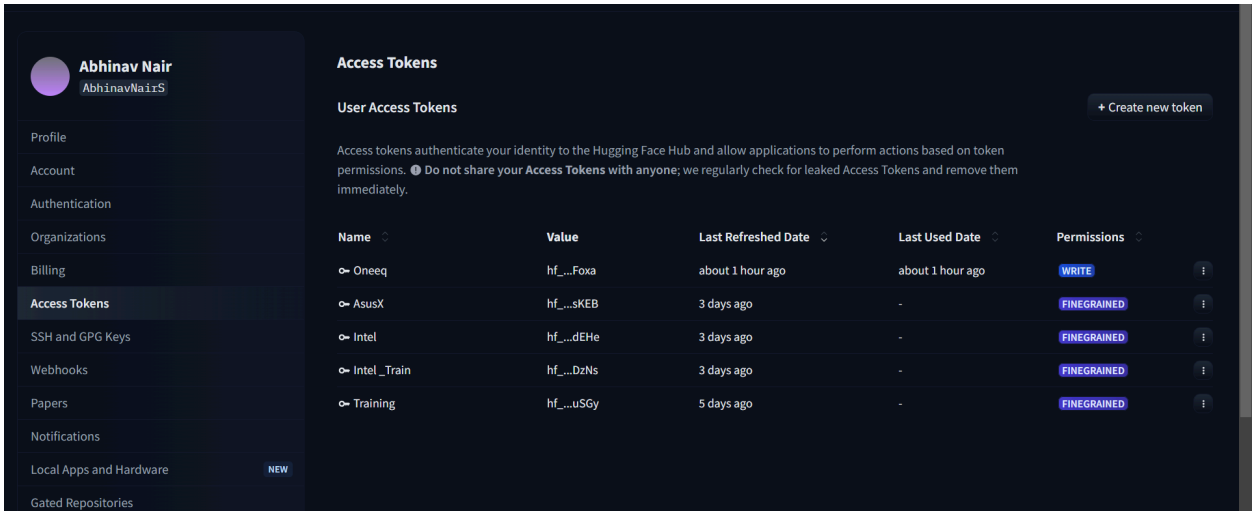

Hugging Face
Search models, datasets, users...
Models
Datasets
Spaces
Posts
Docs
Solutions
Pricing
Log In
Sign Up
Log In
Don't have an account? Sign Up
Username or Email address
Username or Email address
Password
Password
Login
Forgot your password?
SSO is available for Enterprise accounts.


Hugging Face
Search models, datasets, users...
Models
Datasets
Spaces
Posts
Docs
Solutions
Pricing
Abhinav Nair
AbhinavNairS
Profile
Account
Authentication
Access Tokens
User Access Tokens
+ Create new token
Access tokens authenticate your identity to the Hugging Face Hub and allow applications to perform actions based on token permissions. Do not share your Access Tokens with anyone; we regularly check for leaked Access Tokens and remove them immediately.


Hugging Face
Search models, datasets, users...
Models
Datasets
Spaces
Posts
Docs
Solutions
Pricing
Abhinav Nair
AbhinavNairS
Profile
Account
Authentication
Organizations
Billing
Access Tokens
SSH and GPG Keys
Webhooks
Papers
Notifications
Local Apps and Hardware
NEW
Gated Repositories
Content Preferences
Create new Access Token
Token type
Fine-grained
Read
Write
This cannot be changed after token creation.
Token name
Token name
User permissions (AbhinavNairS)
Repositories
Read access to contents of all repos under your personal namespace
Read access to contents of all public gated repos you can access
Write access to contents/settings of all repos under your personal namespace
Webhooks
Access webhooks data
Create and manage webhooks
Discussions & Posts
Interact with discussions / Open PRs on repos under your personal namespace
Inference
Make calls to the serverless Inference API
Make calls to Inference Endpoints
Manage Inference Endpoints
Collections
Read access to all collections under your personal namespace
Write access to all collections under your personal namespace
Billing
Read access to your billing usage and know if a payment method is set

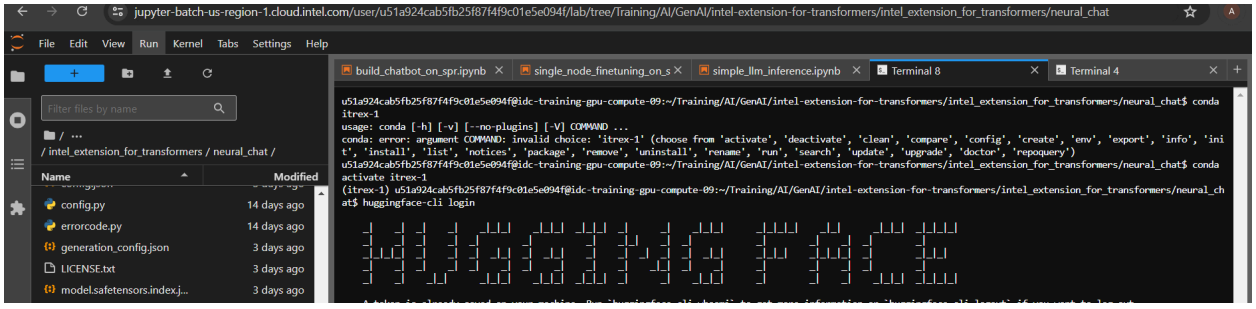
# Step 6:

Once the  token is created we can access it from the following page



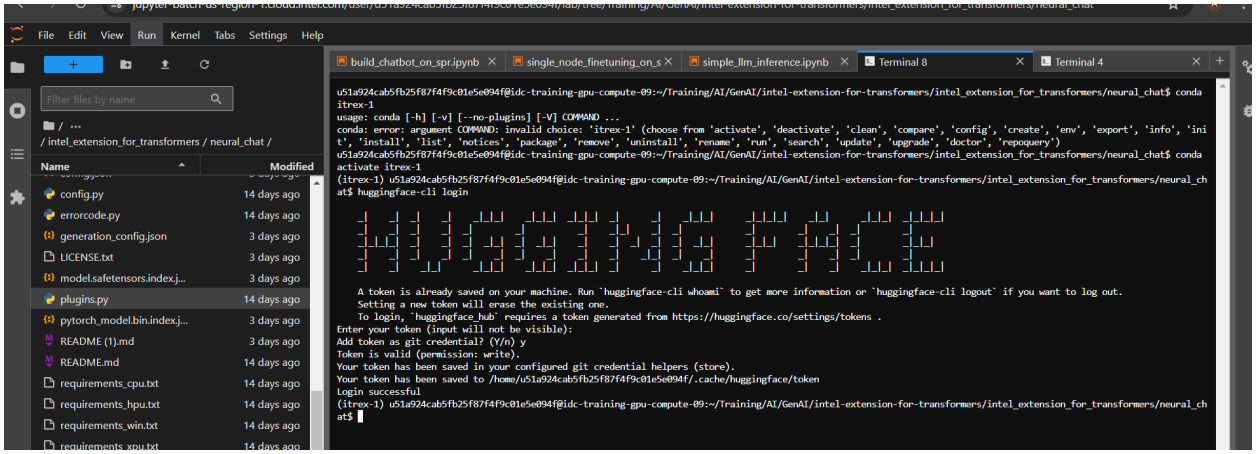

Step 7:

Return to the terminal and run the the huggingface-cli login command




Step 8:

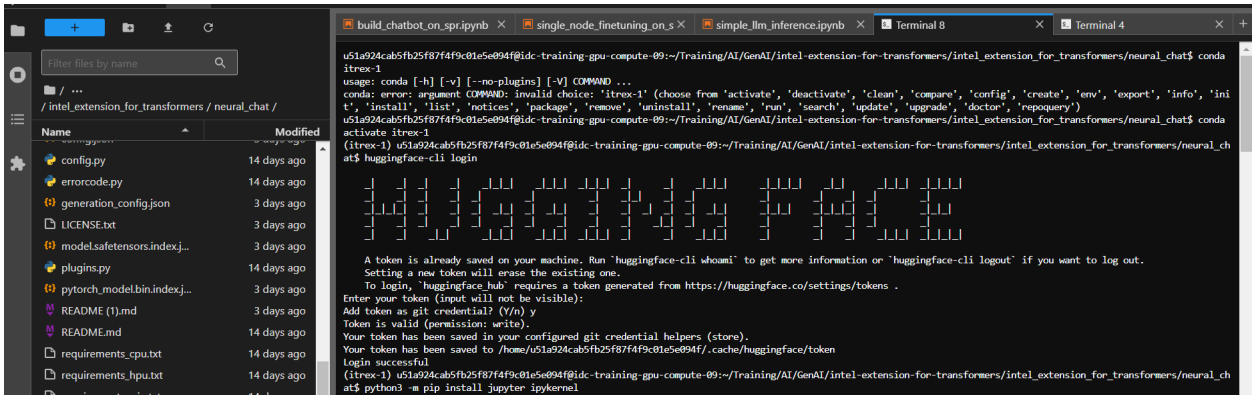
Once the command is accepted it will ask the user to input their respective token




Step 9:

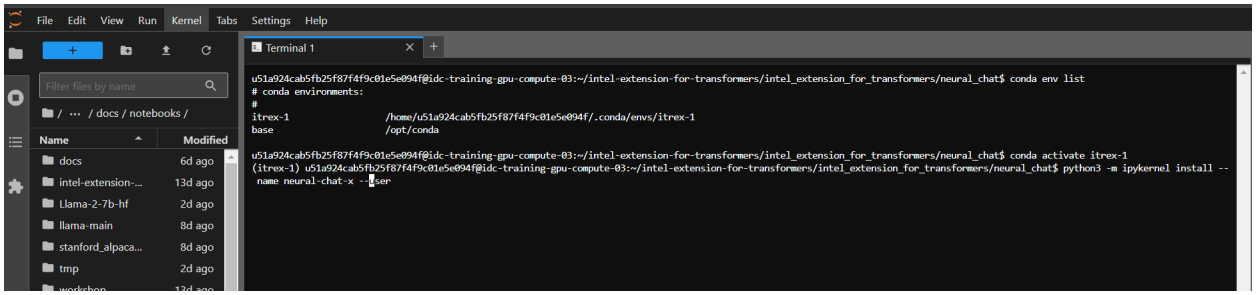
Run the following cmd in the terminal
python3 -m pip install jupyter ipykernel

The ipykernel package is necessary for running Python kernels within Jupyter

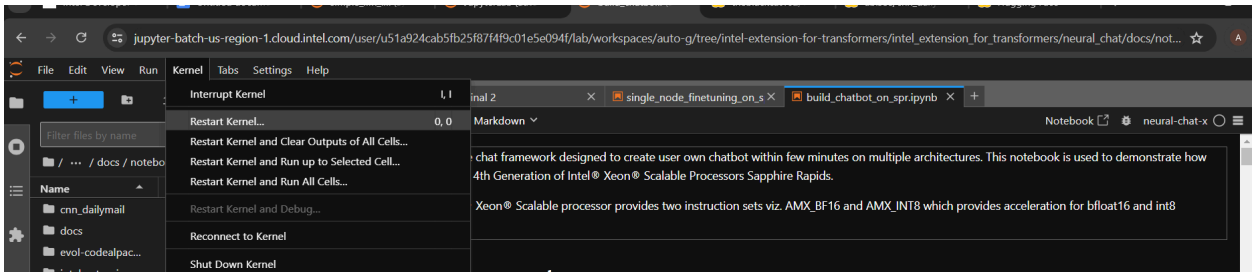


Once the cmd is executed properly we can create a new in kernel in the local environment

Step 10:
python3 -m ipykernel install -- name neural-chat-x --user




Step 11:
Inorder to activate the created kernel just restart the entire kernel



By  doing the following steps one can run the Build_chatbot_on_spr using the local environment created using anaconda package