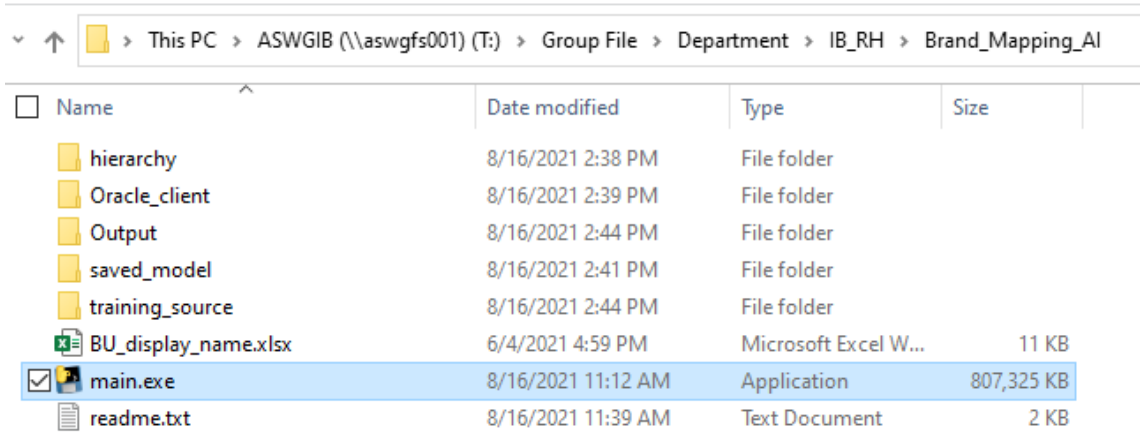
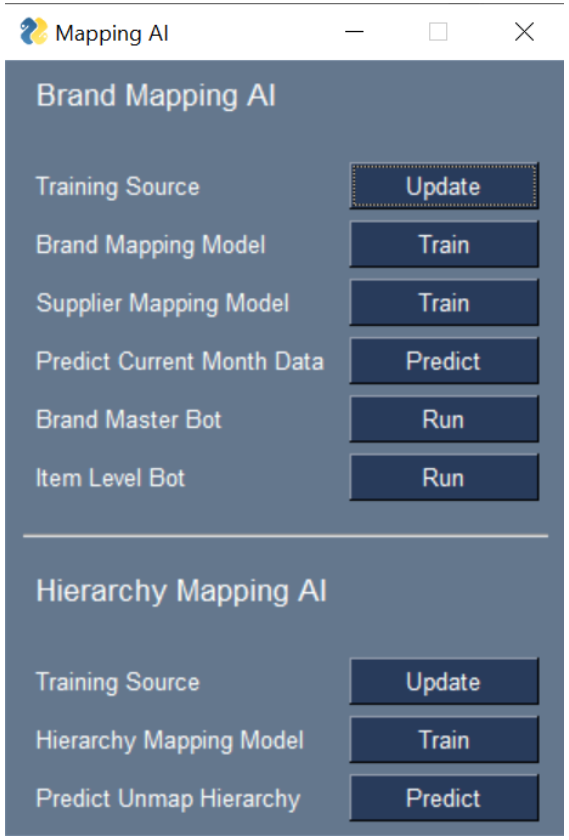
WHERE TO START

Go to T:\Group File\Department\IB_RH\Brand_Mapping_AI





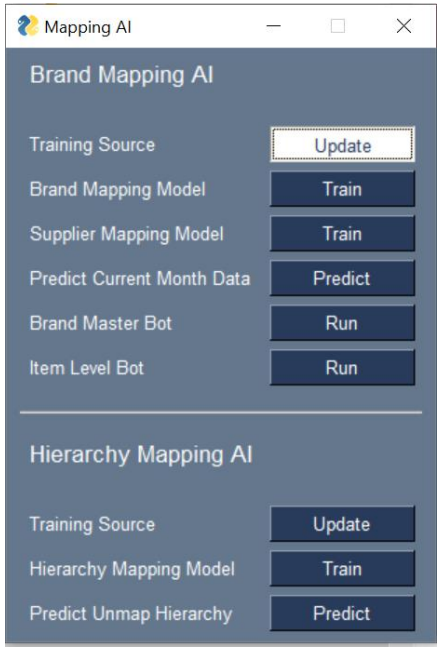
- To speed up launching time of the program, it is recommended to copy the entire folder to your own drive so that the program can bypass network limitation

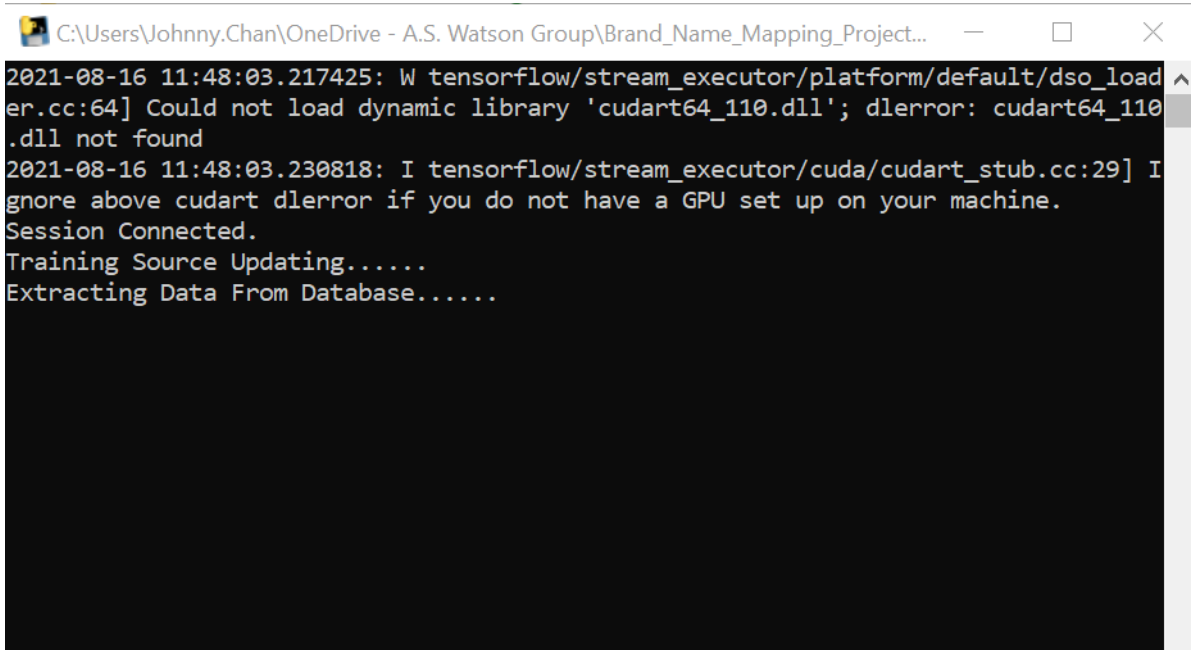
BRAND MAPPING AI

TRAINING SOURCE UPDATE

As data comes in monthly, BI team would map the correct brand name into system. This function will then call Oracle SQL API and extract previous month data from database. After this step, Deep Learning Model is ready to be trained.

- Source 1: IB Brand Master
- Source 2: Previous Month Data



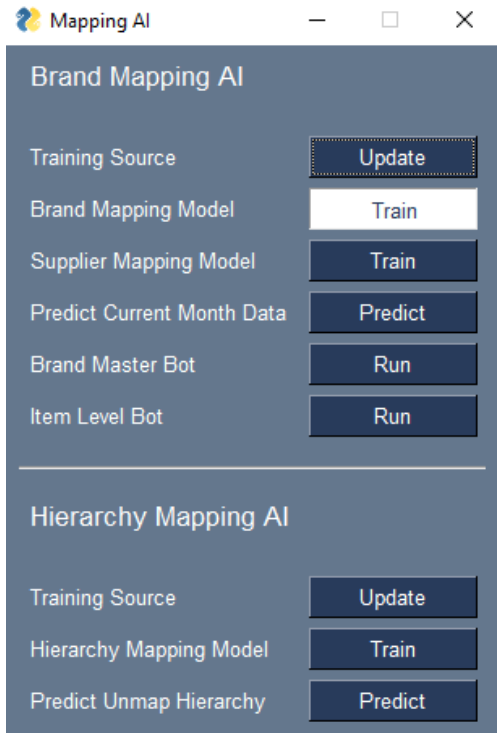


BRAND MAPPING AI

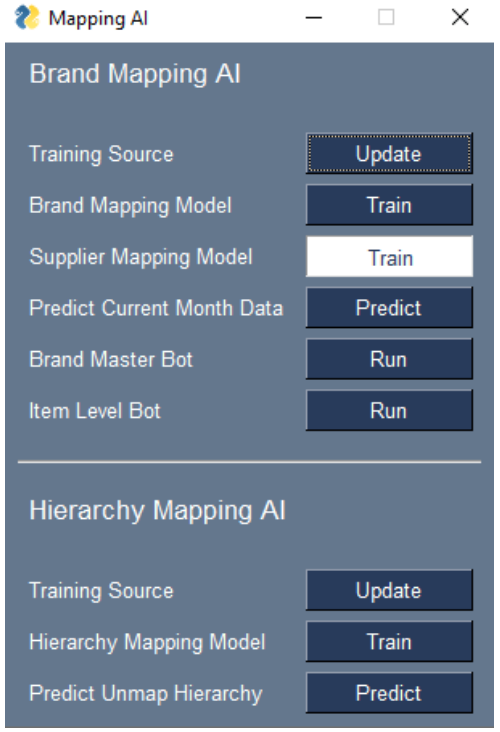
TRAIN BRAND MAPPING MODEL

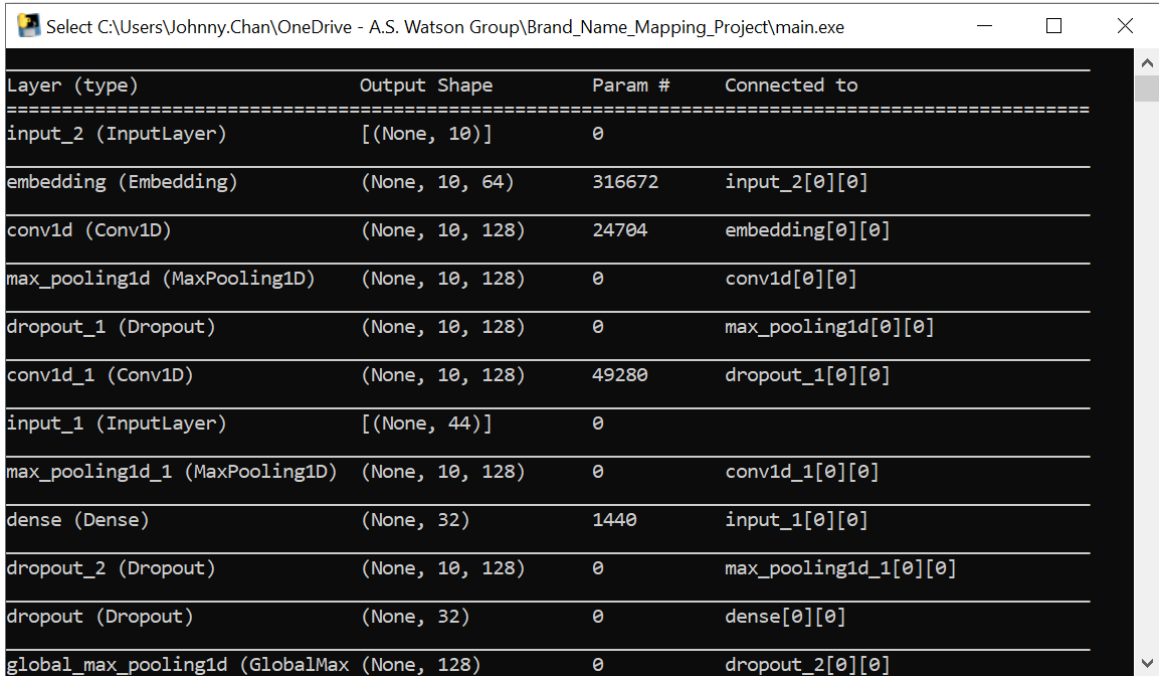
After updating latest training source, you may start training the model.

Brand Mapping Model



Supplier Mapping Model

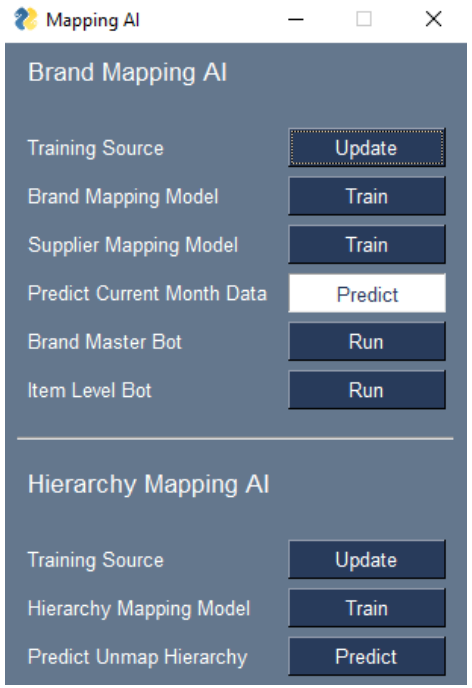




BRAND MAPPING AI

PREDICT CURRENT MONTH DATA

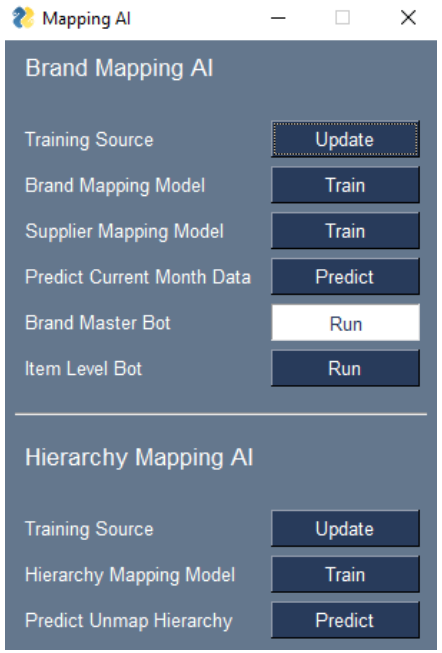
Call Oracle SQL API to extract current month data and predict all the brand names.

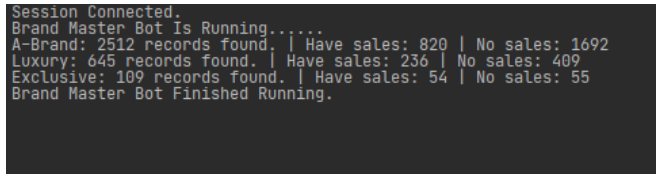


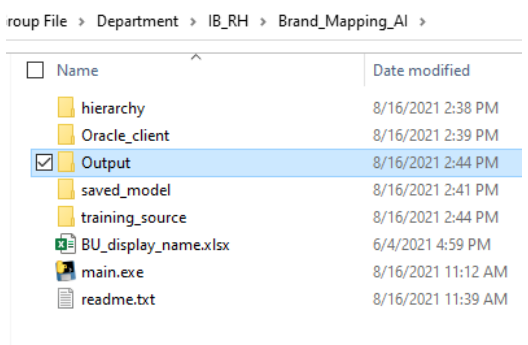
BRAND MAPPING AI

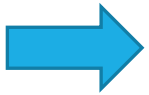
BRAND MASTER BOT

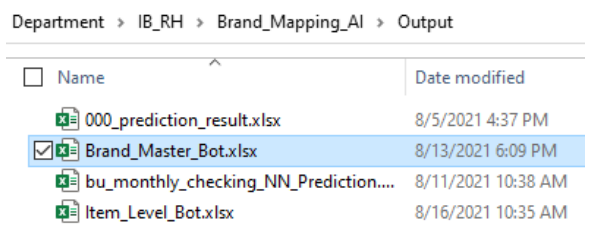
- Since not all brand names need to map, the program will collect input from Partnership Team and hence AI knows which names are required to map.
- If the prediction result match with input from Partnership, that brand will then show up on an Excel Table.
- Go to T:\Group File\Department\IB_RH\Brand_Mapping_AI\Output\Brand_Master_Bot.xlsx to check the result









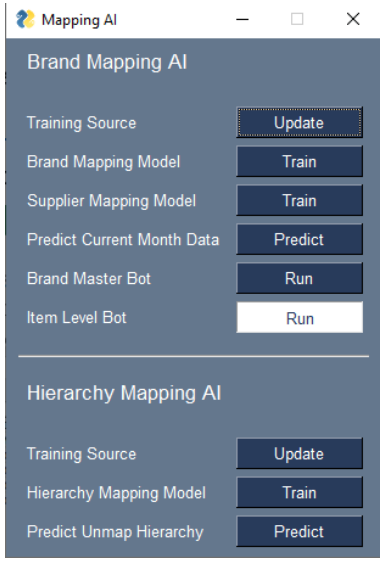


BRAND MAPPING AI

ITEM LEVEL BOT

1. Shows maximum 5 random products description, hierarchy, and supplier under a specific brand.
2. Open T:\Group File\Department\IB_RH\Brand_Mapping_AI\Output\Brand_Master_Bot.xlsx
3. Select the brand you want to check and input 'y' under column Q, then run Item Level Bot

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Supplier	Display Na	Brand	pdated Dat	BU Code	d Name (Pred	rand (Prob	Brand Na	Brand Nan	pplier Mat	Supplier C	Supplier Na	ompany (Pr	Company	r Company	Sales Flag	Check Item Level
2	INTER PAF	TPS	ANNA SUI	########	TPSUK	ANNA SUI	1	ANNA SUI	ANNA SUI	Unmatch	7010	FRAGRAN	COTY PRES	OTHER SU	OTHER SU	No Sales	y
3	CHRISTIAI	ICI BE	CHRISTIAN DIOR	########	ICIBE	CHRISTIAN D	1	DIOR BAC	DIOR BAC	Match	30149	DIOR CHR	CHRISTIAI	OTHER SU	OTHER SU	No Sales	y
4	CHRISTIAI	ICI BE	CHRISTIAN DIOR	########	ICIBE	CHRISTIAN D	1	DIOR BAC	DIOR BAC	Match	30149	DIOR CHR	CHRISTIAI	OTHER SU	OTHER SU	No Sales	y
5	CHRISTIAI	ICI BE	CHRISTIAN DIOR	########	ICIBE	CHRISTIAN D	1	DIOR BAC	DIOR BAC	Match	30149	DIOR CHR	CHRISTIAI	OTHER SU	OTHER SU	No Sales	
6	CHRISTIAI	ICI BE	CHRISTIAN DIOR	########	ICIBE	CHRISTIAN D	1	DIOR BAC	DIOR BAC	Match	30149	DIOR CHR	CHRISTIAI	OTHER SU	OTHER SU	No Sales	



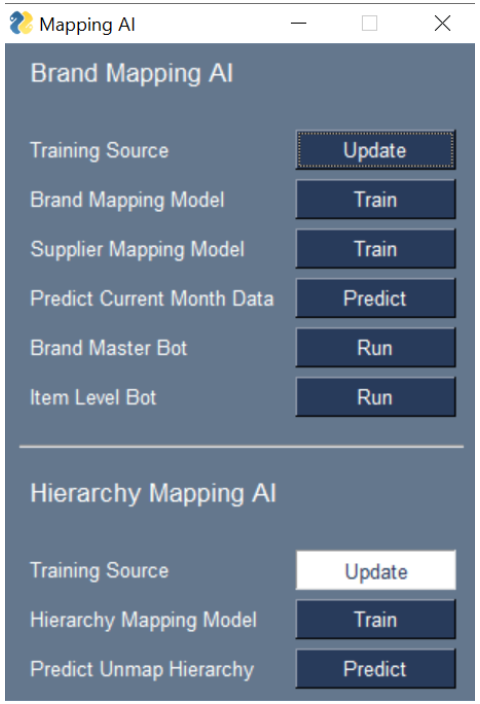
4. Go to: T:\Group File\Department\IB_RH\Brand_Mapping_AI\Output\Item_Level_Bot.xlsx to check the result

A	B	C	D	E	F	G	H	I	J	K
BU Code	BU Brand Name	RODUCT_DESC_EN	PRODUCT_DESC_OTHERS	PRODUCT_CODE	SUPPLIER_NAME	AL_HIERARCHY_DE	AL_HIERARCHY_DE	BAL_HIERARCHY_D	BAL_HIERARCHY_D	Count
TPSUK	ANNA SUI SKY	-	ANNA SUI MINIATURE SET*	1265313	FRAGRANCE FACTC	TPS	WOMENS FRAGRAI	FRAGRANCES	WOMEN FRAGRAN	1
TPSUK	ANNA SUI SKY	-	ANNA SUI SKY EDTV50ML	1265390	FRAGRANCE FACTC	TPS	WOMENS FRAGRAI	FRAGRANCES	WOMEN FRAGRAN	2
TPSUK	ANNA SUI SKY	-	GWP ANNA SUI SAMPLE SET	1265866	FRAGRANCE FACTC	TPS	WOMENS FRAGRAI	FRAGRANCES	WOMEN FRAGRAN	3
ICIBE	DIOR BACKSTAGE P	-	BACKSTAGE PINCEAU FDT	357361	DIOR CHRISTIAN S..	MAQUILLAGE SEL.	ACCESSORIES	GENERAL MERCHAI	BEAUTY IMPLEMEN	1
ICIBE	DIOR BACKSTAGE P	-	DIORSKIN NUDE PWD FOUND.BRUSH	437168	DIOR CHRISTIAN S..	MAQUILLAGE SEL.	ACCESSORIES	GENERAL MERCHAI	BEAUTY IMPLEMEN	2
ICIBE	DIOR BACKSTAGE P	-	PINCEAU VISAGE	288824	DIOR CHRISTIAN S..	MAQUILLAGE SEL.	ACCESSORIES	GENERAL MERCHAI	BEAUTY IMPLEMEN	3
ICIBE	DIOR BACKSTAGE P	-	SUMMER BRUSH COLLECTION 2013	627925	DIOR CHRISTIAN S..	MAQUILLAGE SEL.	ACCESSORIES	GENERAL MERCHAI	BEAUTY IMPLEMEN	4
ICIBE	DIOR BACKSTAGE P	-	PINCEAU LEVRES	288880	DIOR CHRISTIAN S..	MAQUILLAGE SEL.	ACCESSORIES	GENERAL MERCHAI	BEAUTY IMPLEMEN	1

HIERARCHY MAPPING AI

TRAINING SOURCE UPDATE

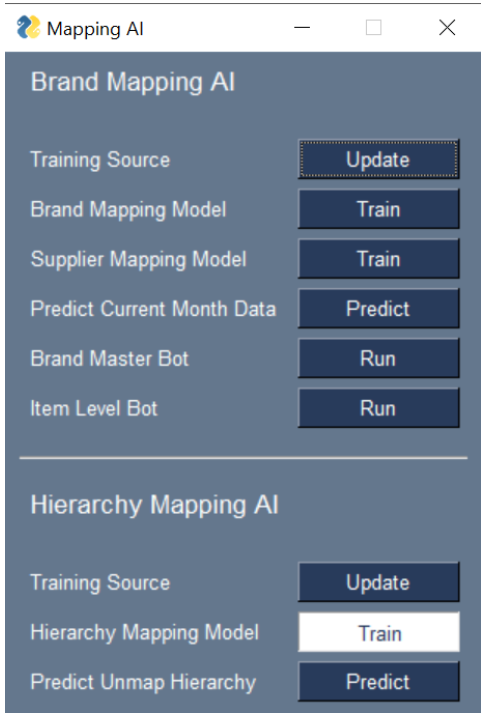
Call Oracle SQL API and extract latest hierarchy mapping. After this step, Deep Learning Model is ready to be trained.



HIERARCHY MAPPING AI

TRAIN HIERARCHY MAPPING MODEL

Call Oracle SQL API and extract latest hierarchy mapping. After this step, Deep Learning Model is ready to be trained.

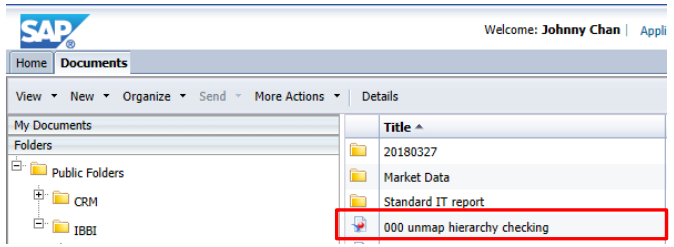


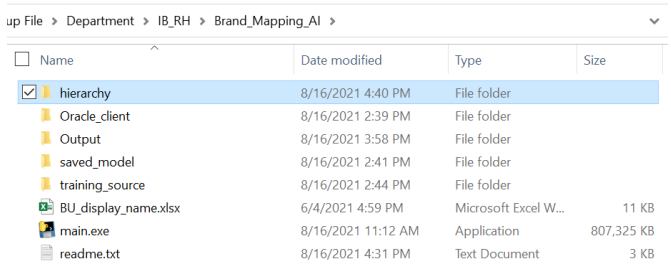
HIERARCHY MAPPING AI

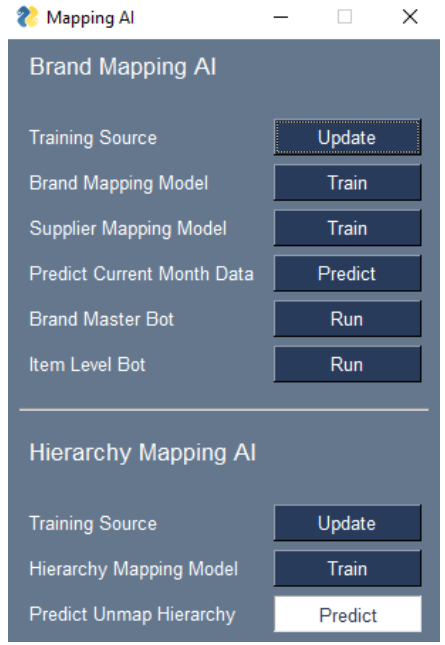
PREDICT UNMAP HIERARCHY

Call Oracle SQL API and extract latest hierarchy mapping. After this step, Deep Learning Model is ready to be trained.

- Please generate 000unmap file from Business Object and name it as "000 unmap hierarchy checking.xlsx".
- Put the file under folder "hierarchy".







- Run the program.
- Go to T:\Group File\Department\IB_RH\Brand_Mapping_AI\Output\000_prediction_result.xlsx

to check the result.