Final Demo Of project

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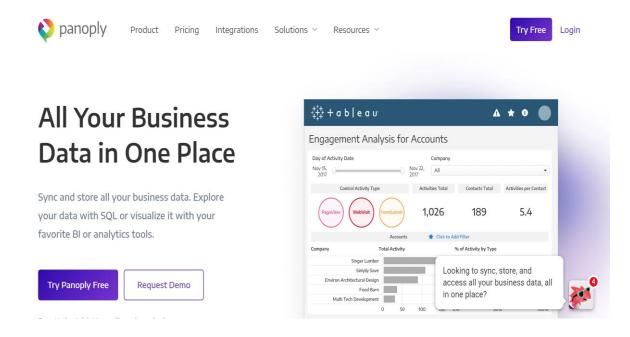
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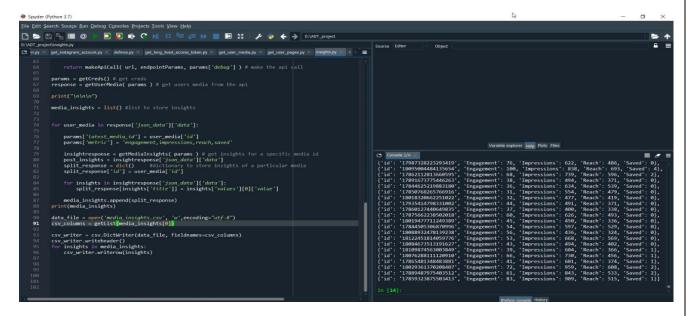
Submitted to: Prof. Kalyani Selvarajah

Instagram Insights Using Business Intelligence

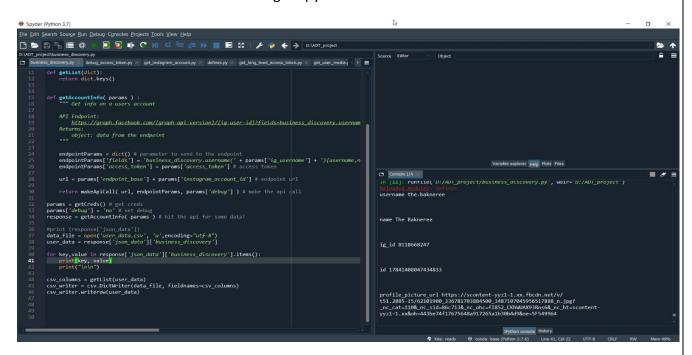
Step 1: We have connected to Instagram Graph API and collected Instagram data using python. We have used data from an Instagram business account. Note that in milestone II we used data for testing. Next step is to collect our actual instagram data and visualize insights through Tableau.



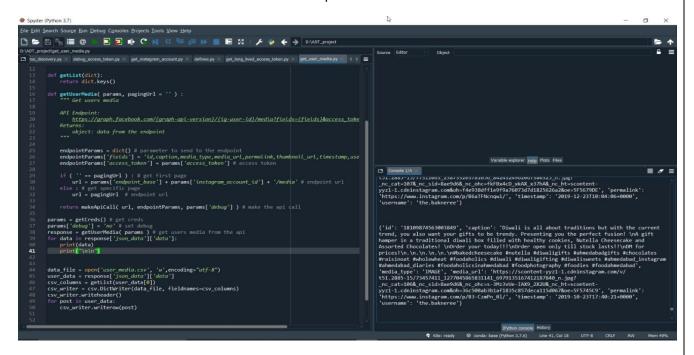
Step 2: For this, we made different python files in order to extract data, there are total seven different python files namely business discovery, debug access token, defines, get Instagram account ,get long live access token, get user media and get user insights.



Inights.py fil



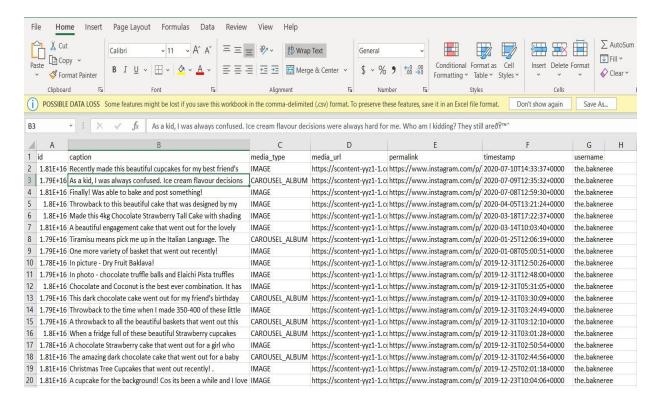
Business_discovery.py file



Get_user_media.py

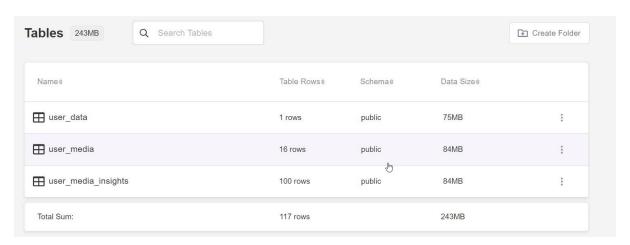
With this python script, we extract instagram user data which consist of engagement, impression, reach & saved. Here, engagement defines total numbers of like and count of comment, impression is the total number of views on the media object while reach is the total number of unique accounts that have seen the media object.

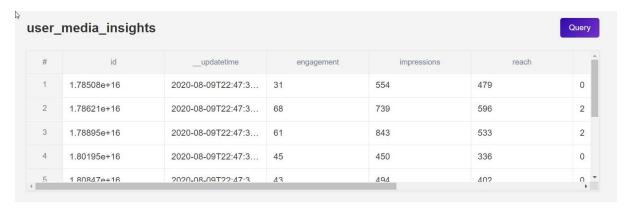
Extracted data are shown below,



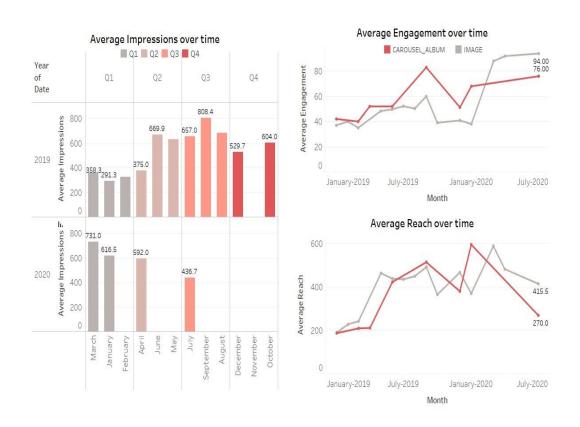
1	Α	В	C	D	E	F
1	id	Engagement	Impressions	Reach	Saved	
2	1.81E+16	90	474	418	0	
3	1.79E+16	76	345	270	0	
4	1.81E+16	98	488	413	1	
5	1804870000	92	591	483	4	
6	0000000	76	622	486	0	
7	1.81E+16	100	838	693	4	
8	1.79E+16	68	739	596	2	
9	1.79E+16	38	494	371	0	
10	1.78E+16	36	634	539	0	
11	1.79E+16	31	554	479	0	
12	1.80E+16	32	477	419	0	
13	1.79E+16	44	491	371	0	
14	1.79E+16	37	400	338	0	
15	1.79E+16	60	626	493	0	
16	1.80E+16	45	450	336	0	
17	1.78E+16	54	597	529	0	
18	1.81E+16	56	436	324	0	
19	1.81E+16	53	668	569	0	
20	1.81E+16	43	494	402	0	
21	1.81E+16	39	604	366	1	
22	1.81E+16	66	730	456	1	
23	1.79E+16	41	601	374	1	
24	1.80E+16	72	959	608	2	

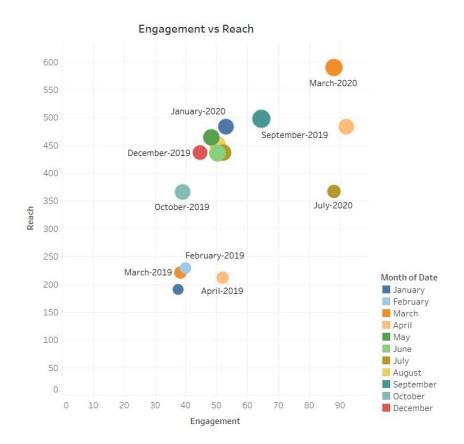
Step 3: Then in this step we link this tables to our panoply data warehouse.





Step 4: Now last step is to connect our panoply to a BI visualization tool, We went with Tableau and prepared the following 2 dashboards:-





These are the step by step procedure of our project.