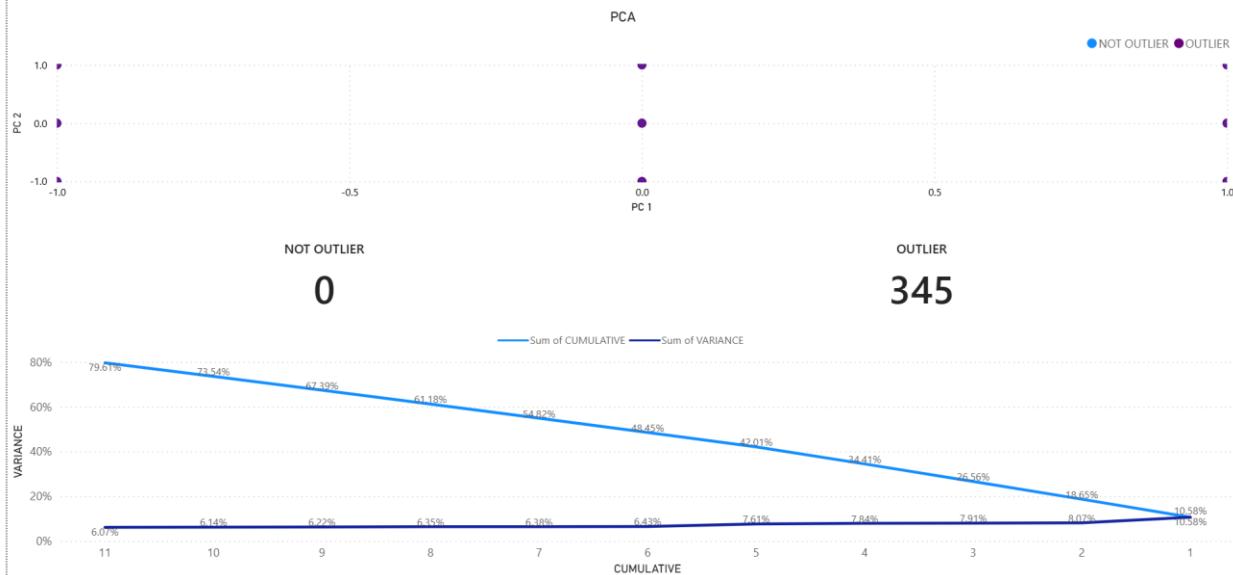


DBSCAN & PCA ANOMALY DETECTION DASHBOARD

SILHOUETTE
0.91

CALINSKI
220.64

DAVIES
1.07

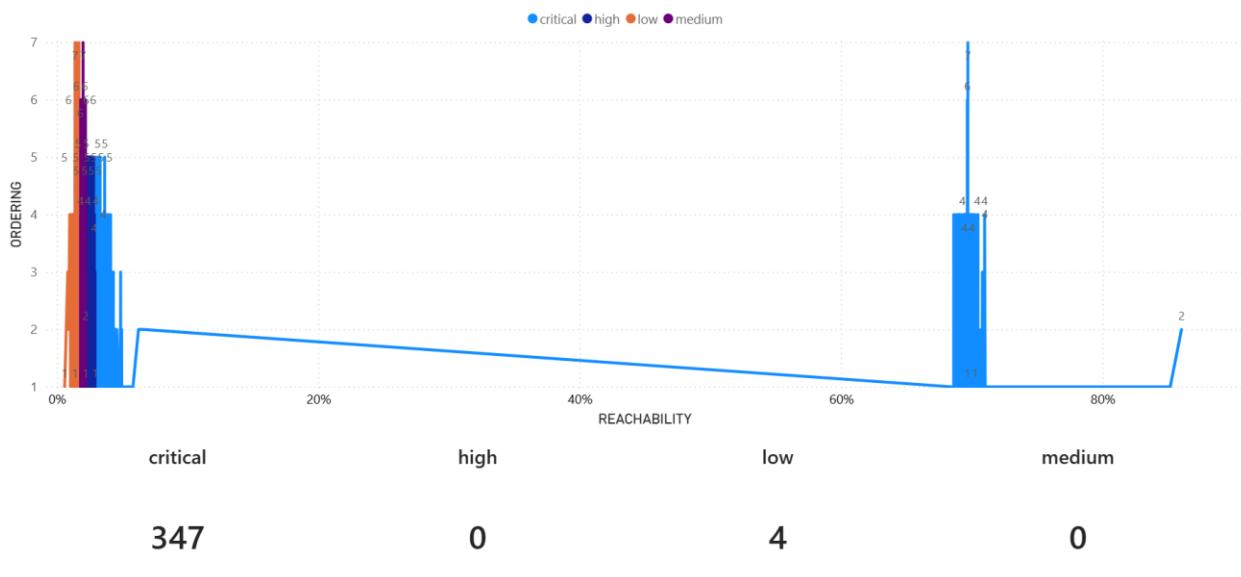


OPTICS & PCA REACHABILITY DASHBOARD

Silhouette
0.91

Calinski
218.58

Davies
1.06



HDBSCAN & PROBABILITY DASHBOARD



ANOMALY DASHBOARD

ID	department	vendor type	total identifier	transaction amount	Sum of dbscan identifier	Sum of hdbscan identifier	Sum of optics identifier
29	Defense	Consultant	0	\$456,563	0	0	0
32	Defense	Consultant	0	\$462,410	0	0	0
33	Defense	Consultant	0	\$164,890	0	0	0
53	Defense	Consultant	0	\$33,116	0	0	0
66	Defense	Consultant	0	\$401,192	0	0	0
78	Defense	Consultant	0	\$369,239	0	0	0
79	Defense	Consultant	0	\$474,197	0	0	0
133	Defense	Consultant	0	\$153,261	0	0	0
146	Defense	Consultant	0	\$378,799	0	0	0
167	Defense	Consultant	0	\$452,802	0	0	0
170	Defense	Consultant	0	\$375,419	0	0	0
209	Defense	Consultant	0	\$62,240	0	0	0
249	Defense	Consultant	0	\$251,921	0	0	0
Total					345	188	351
	DBSCAN			OPTICS		HDBSCAN	
Silhouette	Calinski	Davies	Silhouette	Calinski	Davies	Silhouette	Calinski
0.91	220.64	1.07	0.91	218.58	1.06	0.91	349.83
	OUTLIER		NOT OUTLIER		OUTLIER		critical
	345		0		351		high
				TOTAL			
	critical		high		low		medium
	564		314		0		6