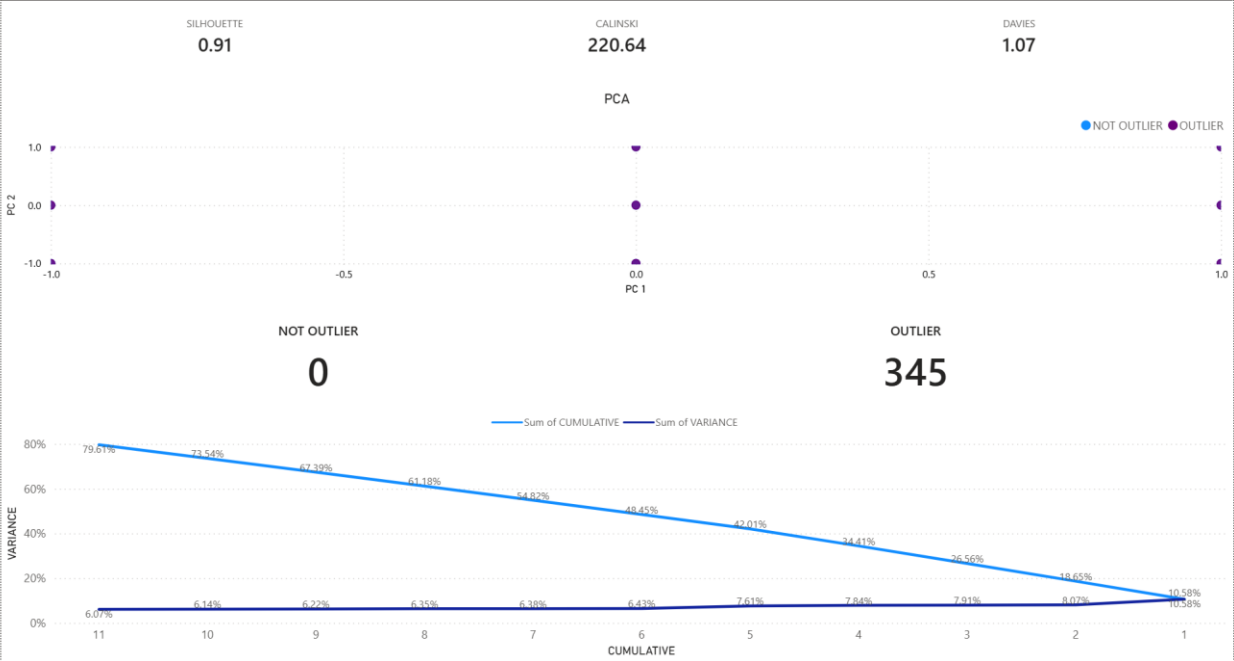
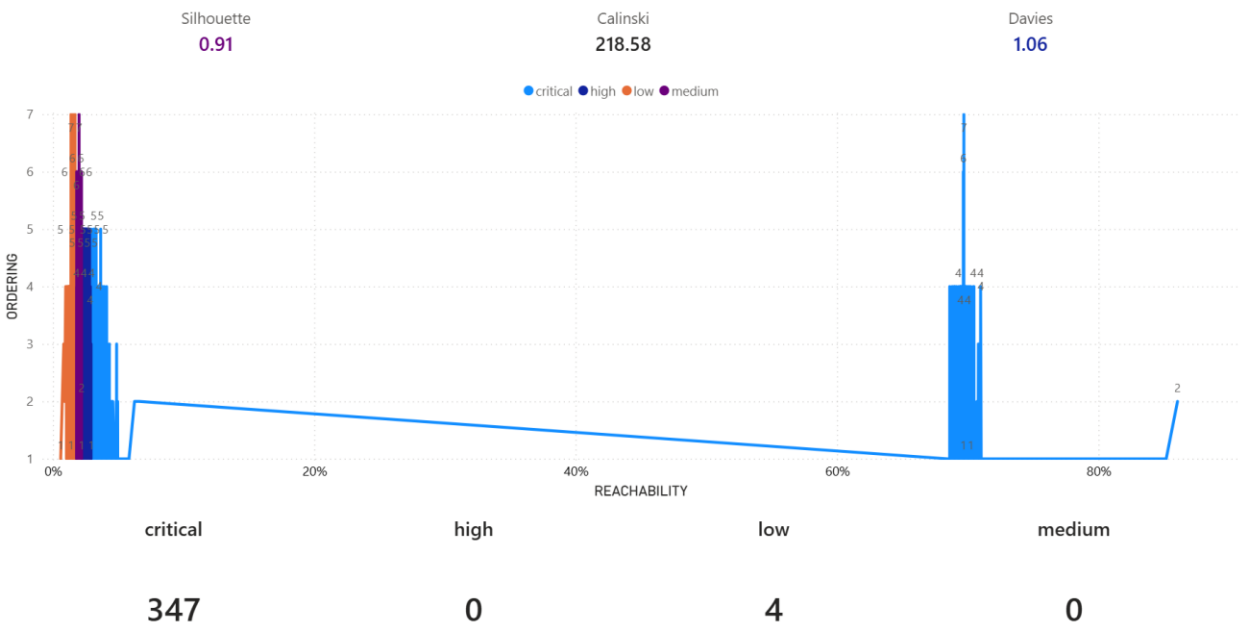


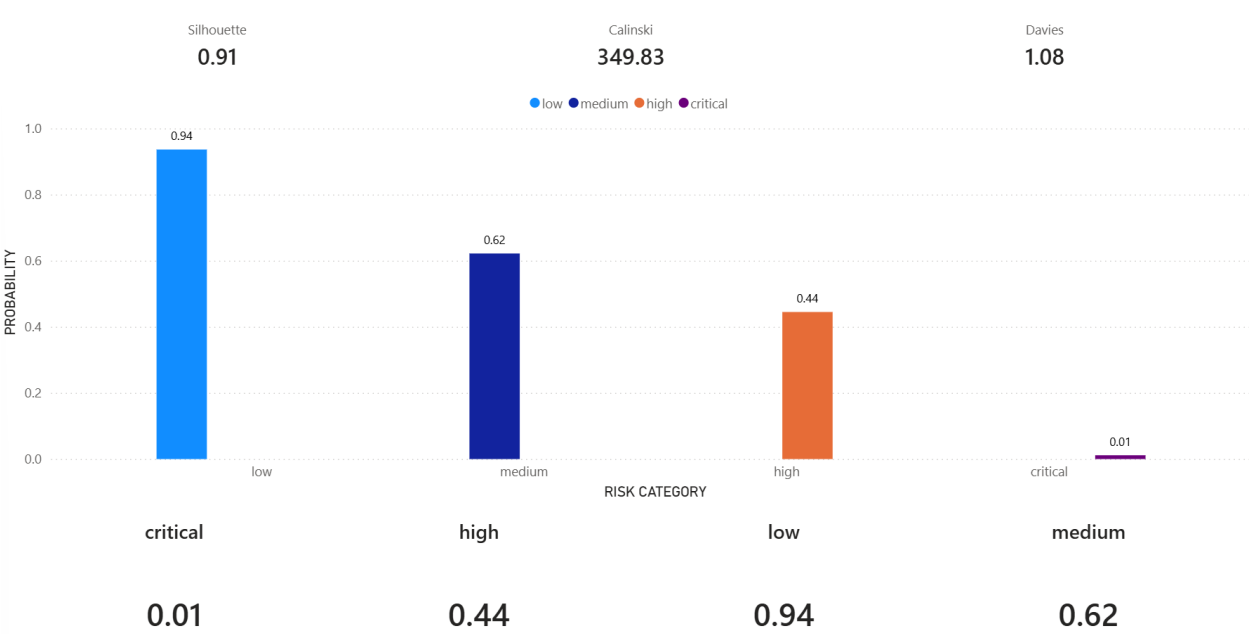
DBSCAN & PCA ANOMALY DETECTION DASHBOARD



OPTICS & PCA REACHABILITY DASHBOARD



HUBSCAN & 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	0
32	Defense	Consultant	0	\$462,410	0	0	0	0
33	Defense	Consultant	0	\$164,890	0	0	0	0
53	Defense	Consultant	0	\$33,116	0	0	0	0
66	Defense	Consultant	0	\$401,192	0	0	0	0
78	Defense	Consultant	0	\$369,239	0	0	0	0
79	Defense	Consultant	0	\$474,197	0	0	0	0
133	Defense	Consultant	0	\$153,261	0	0	0	0
146	Defense	Consultant	0	\$378,799	0	0	0	0
167	Defense	Consultant	0	\$452,802	0	0	0	0
170	Defense	Consultant	0	\$375,419	0	0	0	0
209	Defense	Consultant	0	\$62,240	0	0	0	0
249	Defense	Consultant	0	\$251,921	0	0	0	0
Total						345	188	351
DBSCAN			OPTICS			HDBSCAN		
Silhouette	Calinski	Davies	Silhouette	Calinski	Davies	Silhouette	Calinski	HDBSCAN..
0.91	220.64	1.07	0.91	218.58	1.06	0.91	349.83	1.08
OUTLIER			NOT OUTLIER			critical		
345			0			188		
						high		
						0		
			TOTAL					
critical			high			low		
564			314			0		
						medium		
						6		