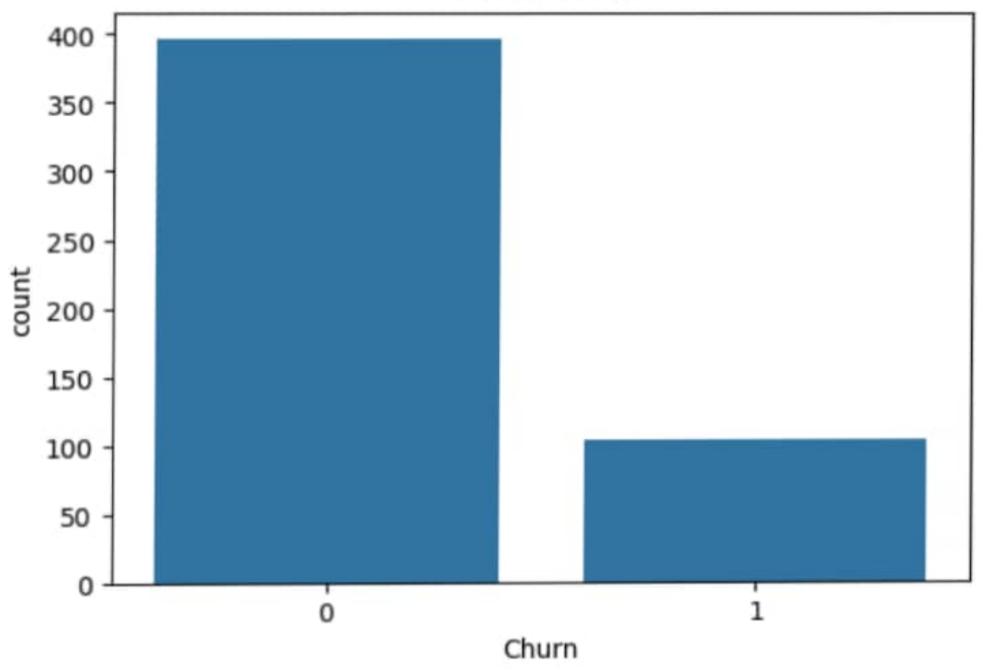
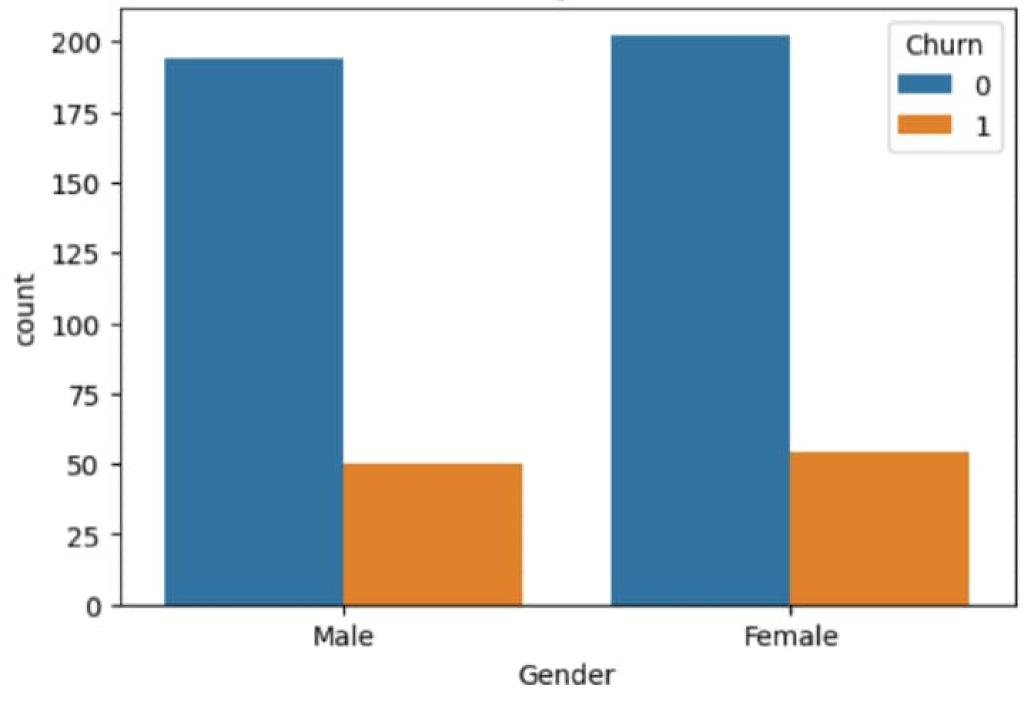
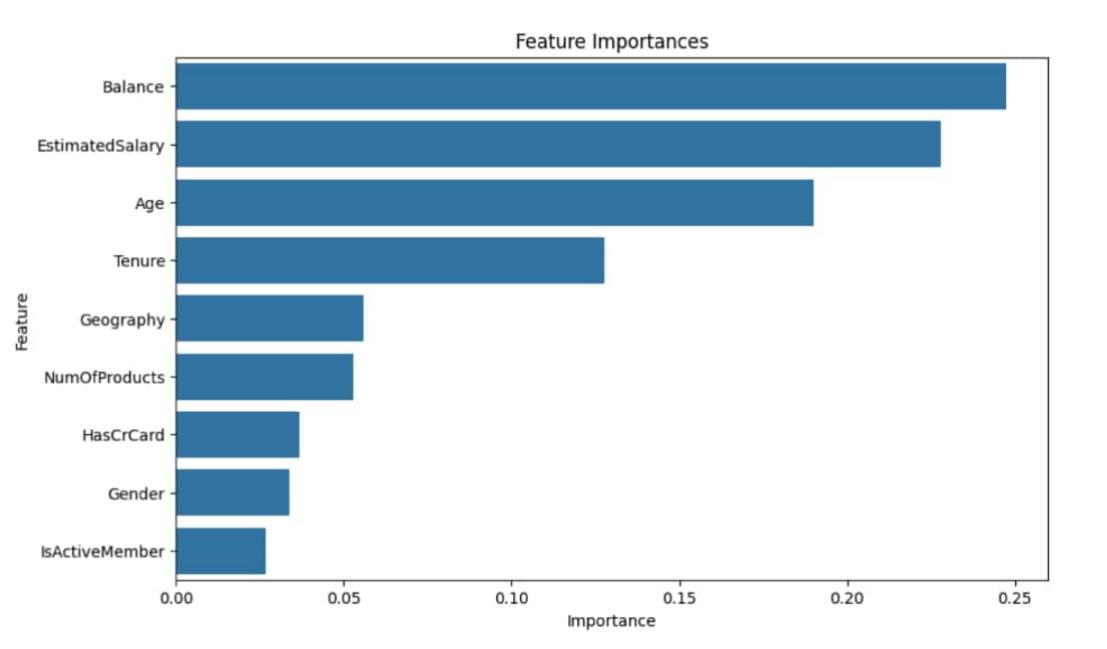
Churn Count



Churn by Gender





1	-0.045	-0.035	-0.049	-0.029	0,027	0.016	0.052	0.042
-0.045	1	-0.042	0.026	-0.077	-0.013	0.028	-0.00022	-0.022
-0.035	-0.042	ĩ	0.075	0.045	0.0063	-0.014	0.077	-0.052
-0.049	0.026	0.075	1	0.03	-0.039	-0.096	0.0092	-0.016
-0.029	-0.077	-0.045	0.03	1	-0.077	-0.061	-0.097	0.028
0.027	-0.013	0.0063	-0.039	-0.077	1	-0.057	0.013	0.032
-0.016	0.028	-0.014	-0.096	0.061	-0.057	1	0.0017	0.031
0.052	-0.00022	0.077	0.0092	-0.097	0.013	0.0017	1	0.038
0.042	-0.022	-0.052	-0.016	-0.028	0.032	0.031	0.038	1

Confusion Matrix:

[[73 0] [27 0]]

Classification Report:

	precision	recall	f1-score	support
0	0.73	1.00	0.84	73
1	0.00	0.00	0.00	27
accuracy			0.73	100
macro avg	0.36	0.50	0.42	100
weighted avg	0.53	0.73	0.62	100

LISE S TOWS OF LIFE HALASEL.

CustomerID	Gender	Age	Tenure	Balance	NumOfProducts	HasCrCard	1
1001	Male	38	1	65920.95	1	1	
1002	Female	49	3	66624.60	3	1	
1003	Male	40	8	183046.14	3	1	
1004	Male	50	5	62682.67	2	0	
1005	Male	20	0	158274.52	3	0	

	IsActiveMember	EstimatedSalary	Geography	Churn
)	0	147737.64	Spain	1
	1	47654.25	Germany	0
	0	66976.07	Germany	0
;	1	134807.20	France	0
Ļ	0	10408.94	France	0

RandomForestClassifier

RandomForestClassifier(random_state=42)