## CHURN PREDICTION FOR Y BANK Country **Prediction Probability** Age No Of Item Prediction 88 0.05 0.87 18 France Germany Spain Churn Retention Age vs Credit Score By Prediction **New Customers Potential Churns** Age vs Number of Product By Prediction 800 3344 247 600 Prediction of Churn By Location 400 Co. Douglas 50 100 IRELAND NETHERLANDS POLAND **Churn 0 1 Churn 0 1** Brussels GERMANY London Age vs Is Active Member By Prediction Age vs Balance By Prediction SLOVAKIA 1.0 0.3M of Biscay 0.2M Monaco-Ville ITALY Spain Andorra la Vella 0.1M Tyrrhenian GREE PORTUGAL 0.0M 60 80 © 2023 Microsoft Corporation 50 100 Algiers Churn 00 **Churn 0 1** CustomerId Surname Geography Gender HasCrCard CreditScore EstimatedSalary Balance Active Member Tenure Prediciton of Probability Age Churn 9 Retention 15565737 AP Ferri 0 Spain Female 39 698 90,212 161,994 0 0.22 15565815 AP Kent Female 627 188,258 57,809 0 Retention 0.25 Germany 30 15566127 AP Thomsen Female 32 94,739 0 0 0.21 Spain 545 4 Retention Male 9 Retention 15566147 AP Estes France 39 596 48,964 0 0 0.15

0

1

44

41

37

749

616

618

151,084

98,686

236

71,498

103,561

96,653

0

0

0 Retention

1 Retention

5 Retention

0.40

0.42

15566192 AP Franklin

15566247 AP Hsu

15566287 AP Ferrari

Female

Female

Female

Germany

Germany

France