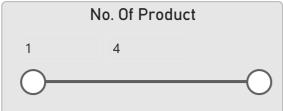
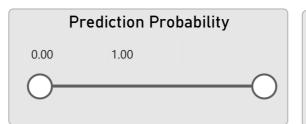
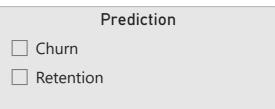
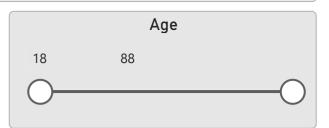
## **Bank Churn Prediction**





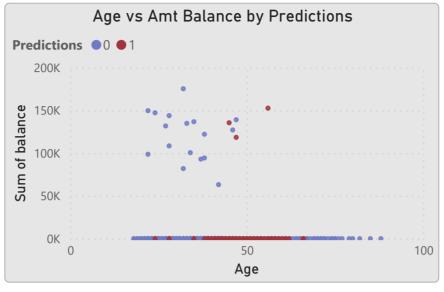


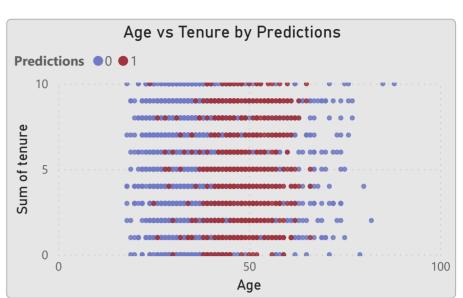


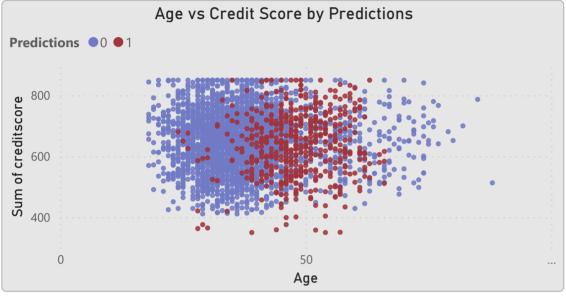


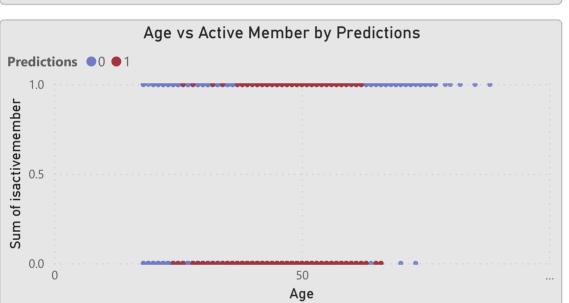
New Customers

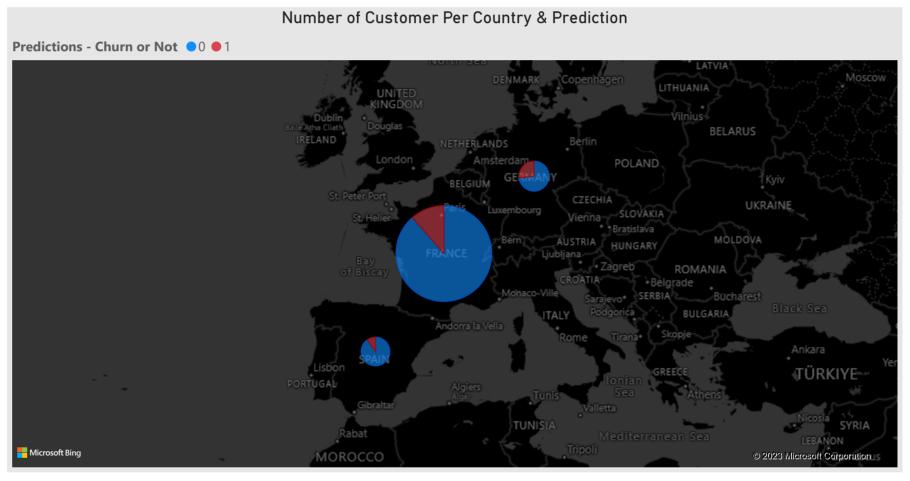












|         |                  |        |     |           |         |             |                | Cu        | stomer Details  | ;      |               |             |                        |
|---------|------------------|--------|-----|-----------|---------|-------------|----------------|-----------|-----------------|--------|---------------|-------------|------------------------|
| ID      | surname          | gender | age | geography | balance | creditscore | isactivemember | hascrcard | estimatedsalary | exited | numofproducts | Predictions | Probability to Churn ^ |
| 5565737 | AP Ferri         | Female | 39  | Spain     |         | 698         | 0.00           | 0         | 90212.38        | 0      | 1             | Retention   | 0.21                   |
| 5565815 | AP Kent          | Female | 30  | Germany   |         | 627         | 0.00           | 1         | 188258.49       | 0      | 1             | Retention   | 0.20                   |
| 5566127 | AP Thomsen       | Female | 32  | Spain     | 0.00    | 545         | 0.00           | 1         | 94739.2         | 0      | 1             | Retention   | 0.39                   |
| 5566147 | AP Estes         | Male   | 39  | France    | 0.00    | 596         | 0.00           | 1         | 48963.59        | 0      | 1             | Retention   | 0.29                   |
| 5566192 | AP Franklin      | Female | 44  | Germany   |         | 749         | 0.00           | 0         | 151083.8        | 0      | 2             | Retention   | 0.22                   |
| 5566247 | AP Hsu           | Female | 41  | Germany   |         | 616         | 0.00           | 1         | 236.45          | 1      | 1             | Churn       | 0.87                   |
| 5566287 | AP Ferrari       | Female | 37  | France    |         | 618         | 0.00           | 1         | 98686.4         | 1      | 1             | Retention   | 0.16                   |
| 5566328 | AP<br>Okwuadigbo | Male   | 36  | Spain     | 0.00    | 574         | 1.00           | 0         | 71709.12        | 0      | 2             | Retention   | 0.01                   |
| 5566530 | AP Fang          | Male   | 45  | France    | 0.00    | 487         | 0.00           | 1         | 77475.73        | 0      | 2             | Retention   | 0.07                   |
| 5566630 | AP McKenzie      | Male   | 23  | Spain     | 0.00    | 709         | 0.00           | 0         | 129590.18       | 0      | 2             | Retention   | 0.01                   |
| 5566725 | AP Chimaoke      | Male   | 66  | Spain     | 0.00    | 554         | 1.00           | 1         | 116747.62       | 0      | 2             | Retention   | 0.01                   |
| 5566744 | AP Chidalu       | Female | 45  | France    | 0.00    | 444         | 0.00           | 1         | 161653.5        | 1      | 2             | Retention   | 0.50                   |
| 5566879 | AP Gotch         | Male   | 20  | Germany   |         | 535         | 1.00           | 1         | 118825.56       | 0      | 1             | Retention   | 0.09                   |
| 5566994 | AP Li Fonti      | Male   | 39  | Spain     |         | 667         | 1.00           | 1         | 41183.02        | 0      | 1             | Retention   | 0.07                   |
| Total   |                  |        |     |           |         |             |                |           |                 |        |               |             | V                      |