

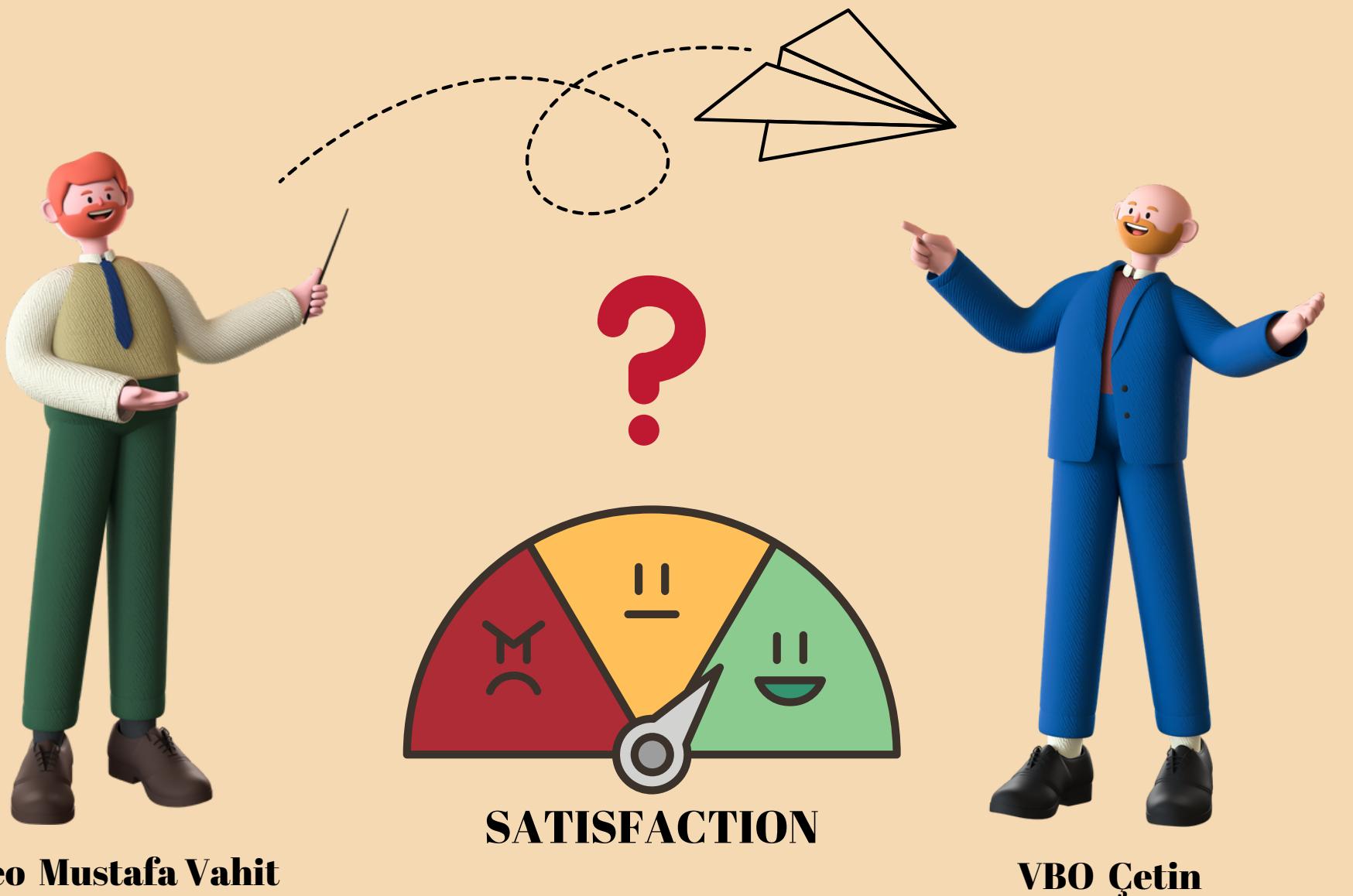
MIUUL AIRLINES

Miuul Inc.

Presented by: Data Crew



VERİ SETİNİ TANYALUM



Ceo Mustafa Vahit
Keskin

VBO Çetin

VERİ BİLİMİ DEPARTMANI



FURKAN DEVECİ



FERİDE
TUĞÇE
DEVECİ
BAYRAKTAR



EREN KURNAZ



METİN ŞİMŞEK



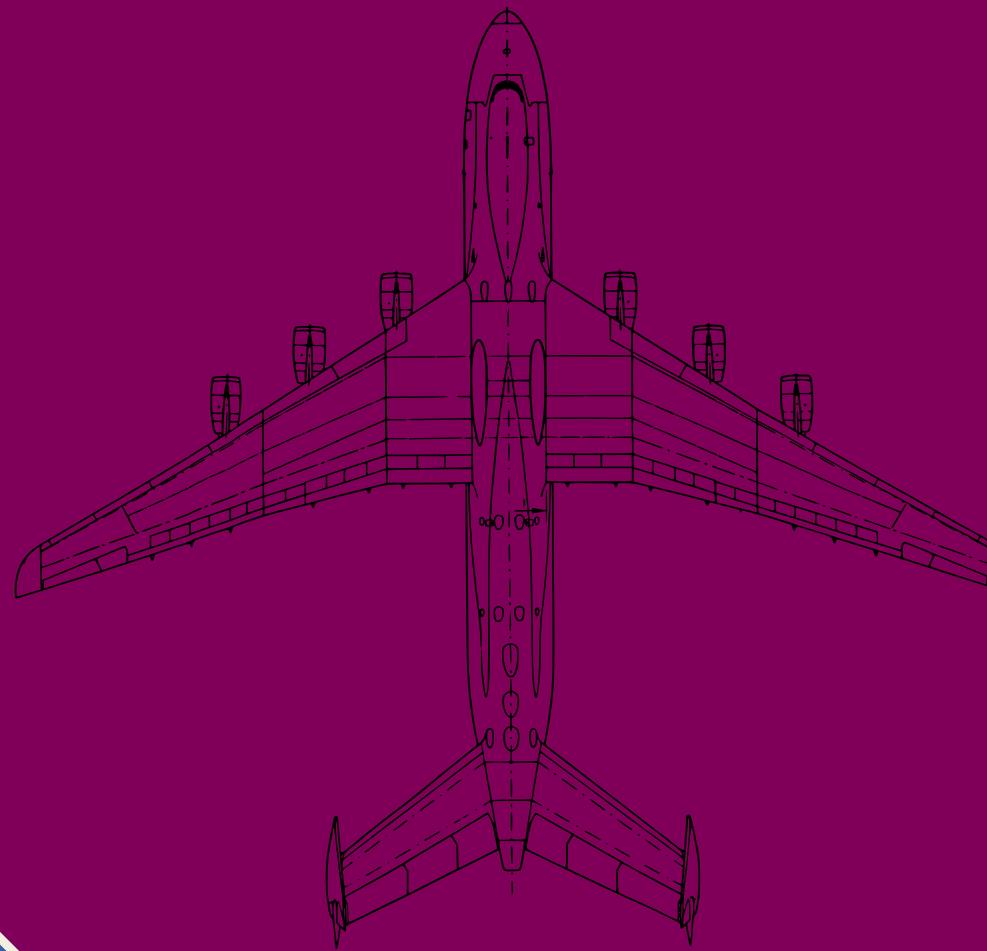
VBO ÇETİN





VERİ SETİNİN GENEL HİKAYESİ

103,904 bir train seti ve
25,977 gözlemli test setimiz bulunmaktadır.



- Id
- Gender
- Customer Type
- Age
- Type of Travel
- Class
- Flight Distance

- Inflight wifi service
- Departure/Arrival time convenient
- Ease of Online booking
- Gate location
- Food and drink
- Online boarding
- Seat comfort
- Inflight entertainment
- On-board service
- Leg room service
- Baggage handling
- Checkin service
- Inflight service
- Cleanliness
- Departure Delay in Minutes
- Arrival Delay in Minutes
- Satisfaction

FINAL
DESTINATION

ISTAN

FLIGHT
NUMBER

C- 67

ISTAN

BAGGAGE AND PERSON
SUBJECT TO TARIFF LIMITATION

C- 67

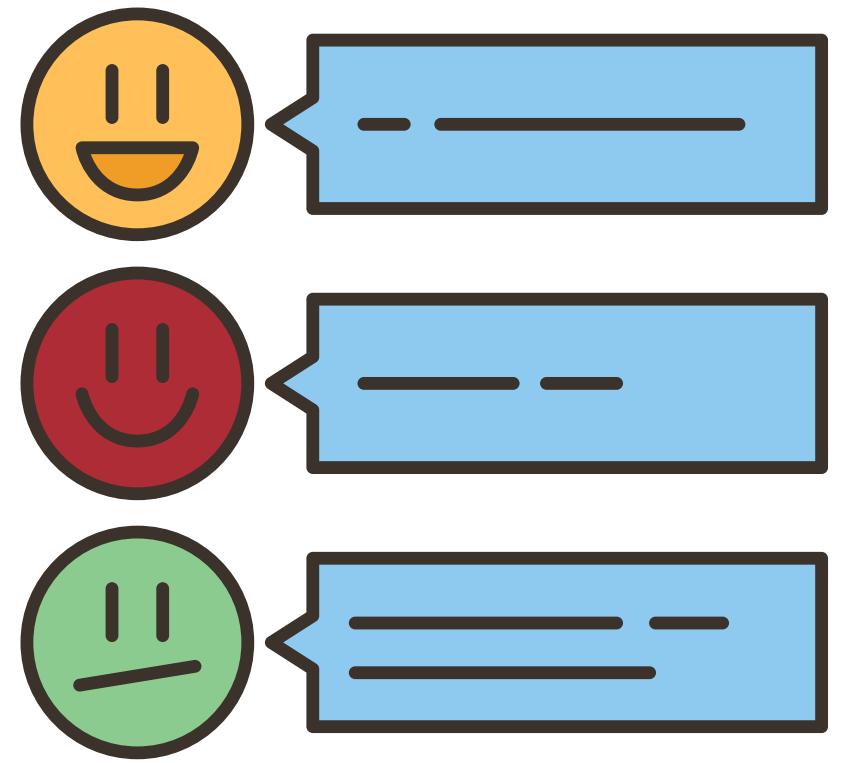
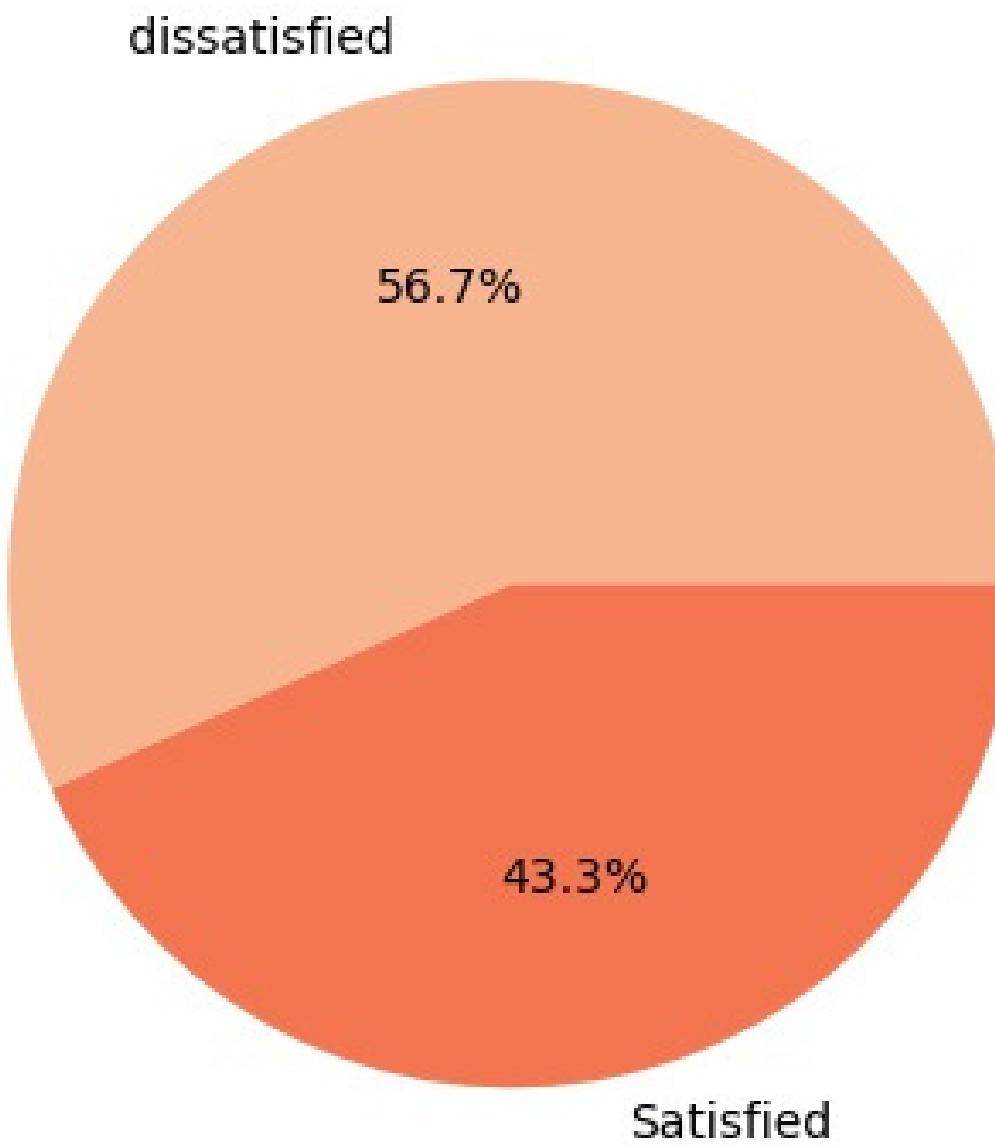
ATLANTIC

PCS.	WGT.
TO BRA RIO DE JANEIR	

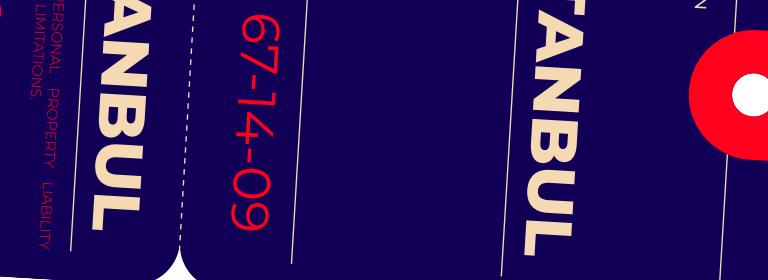
TRANSFER



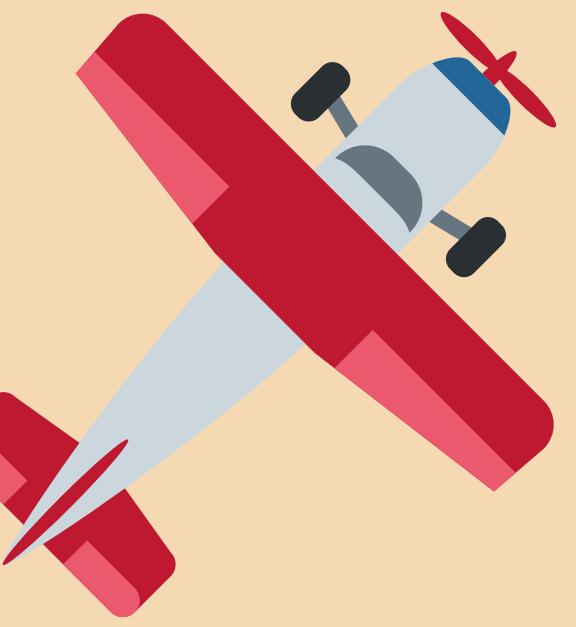
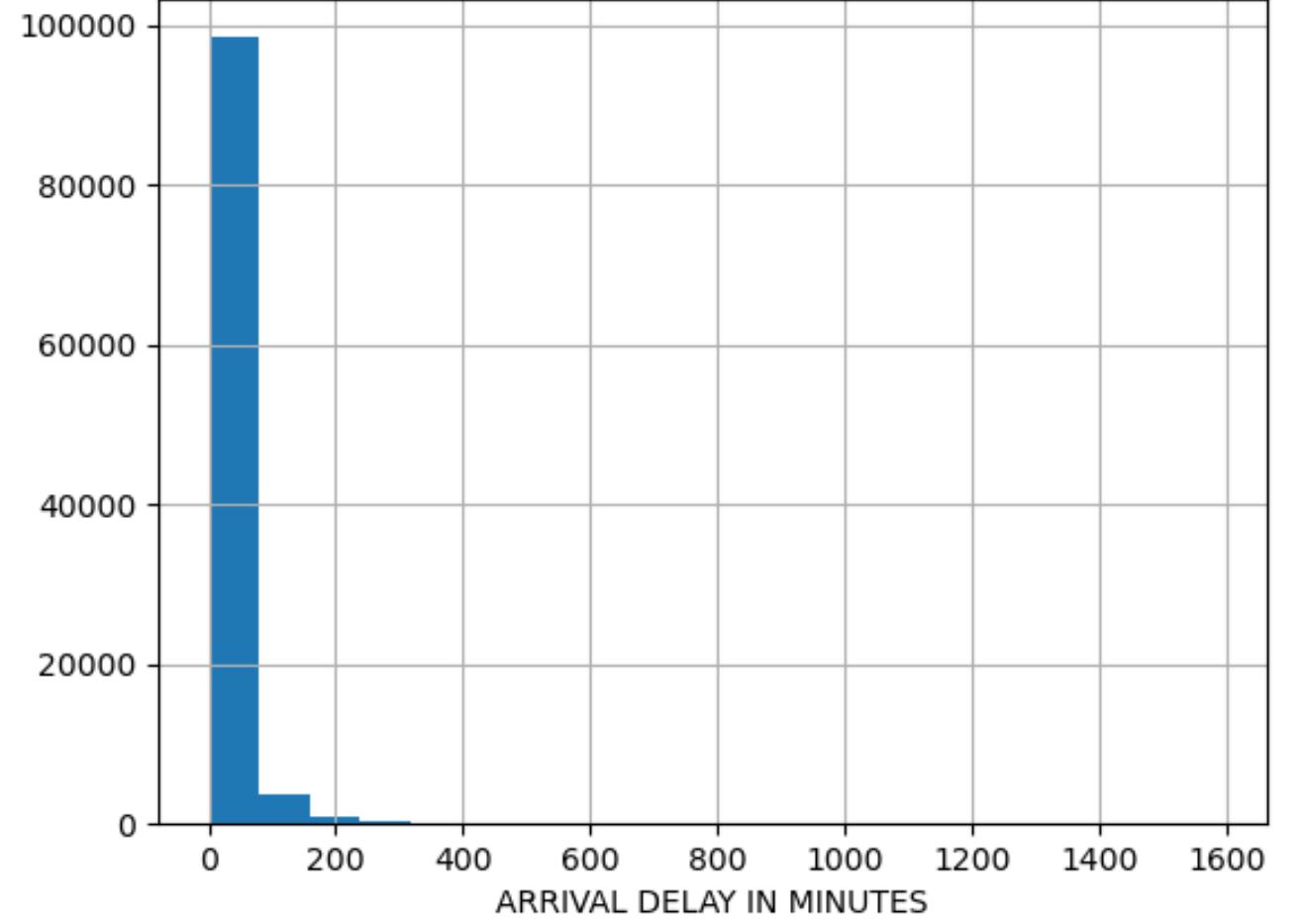
BAGIMLI DEĞİŞKENİN VERİ SETİNDE DAĞILIMI



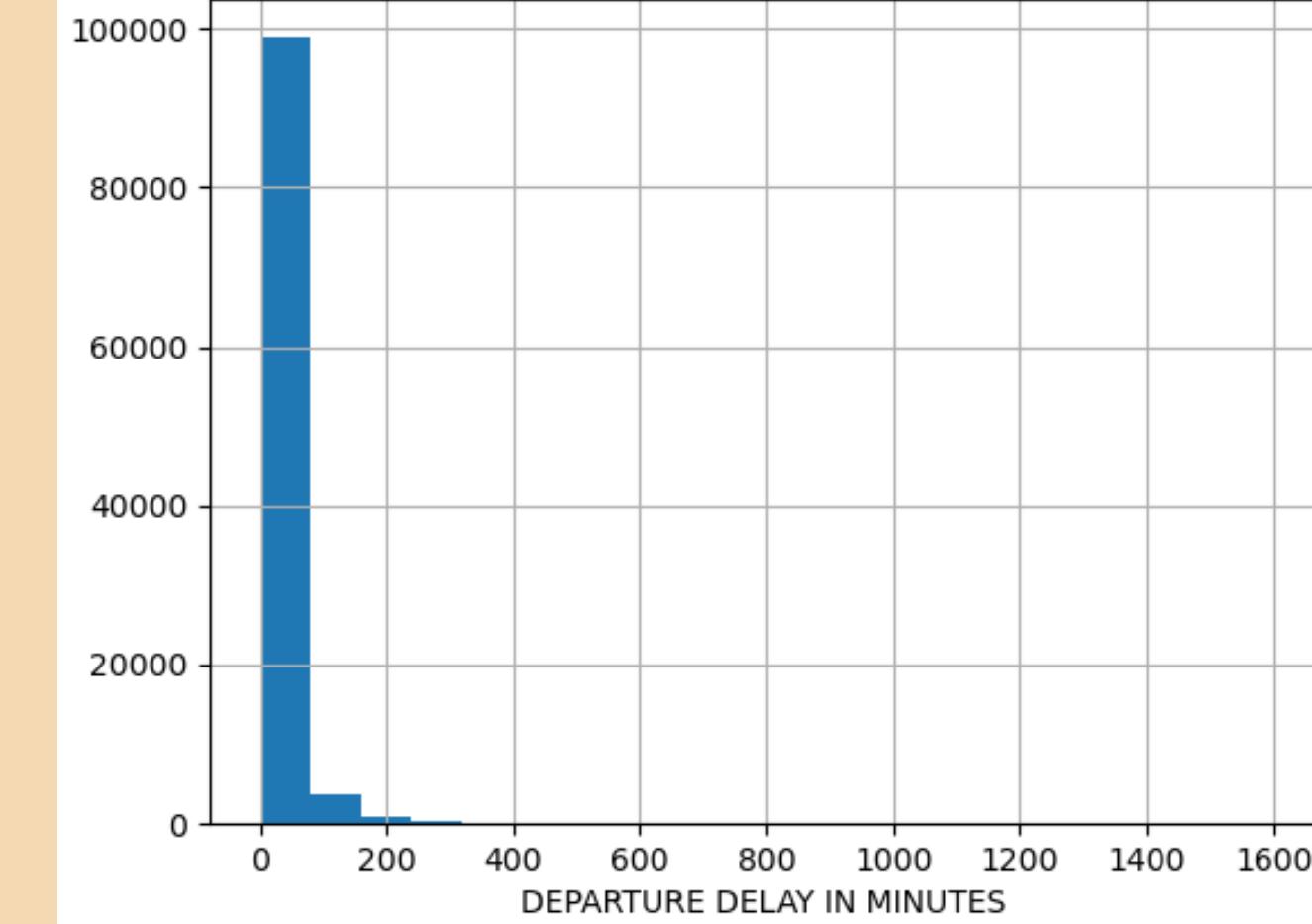
FLIGHT
THIS BAGGAGE IS CHECKED TO:
IBAL, INDIA



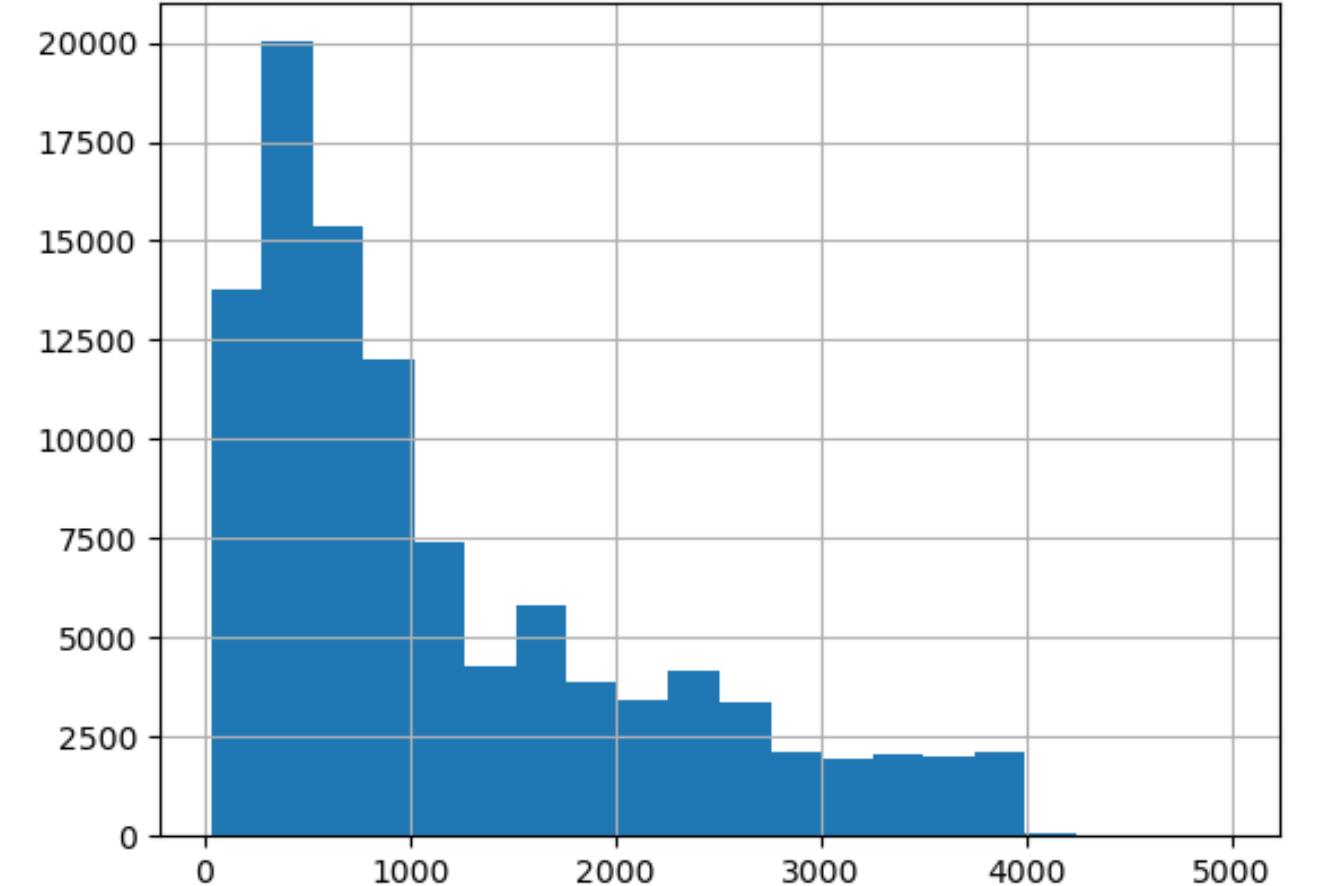
ARRIVAL DELAY IN MINUTES



DEPARTURE DELAY IN MINUTES



FLIGHT DISTANCE



ISTANBUL

FLIGHT
NUMBER

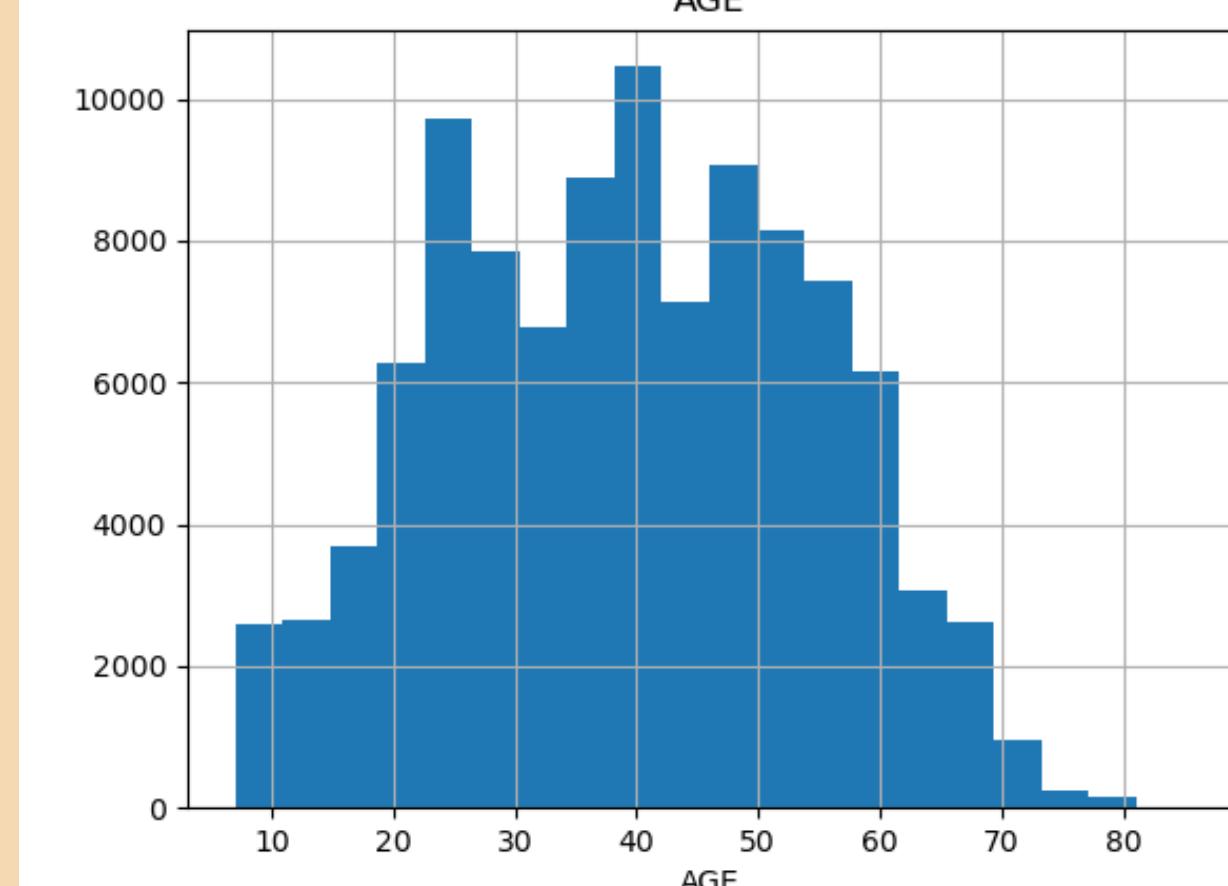
C- 67-14-09

ISTANBUL

BAGGAGE AND PERSONAL PROPERTY LIABILITY
SUBJECT TO TARIFF LIMITATIONS.

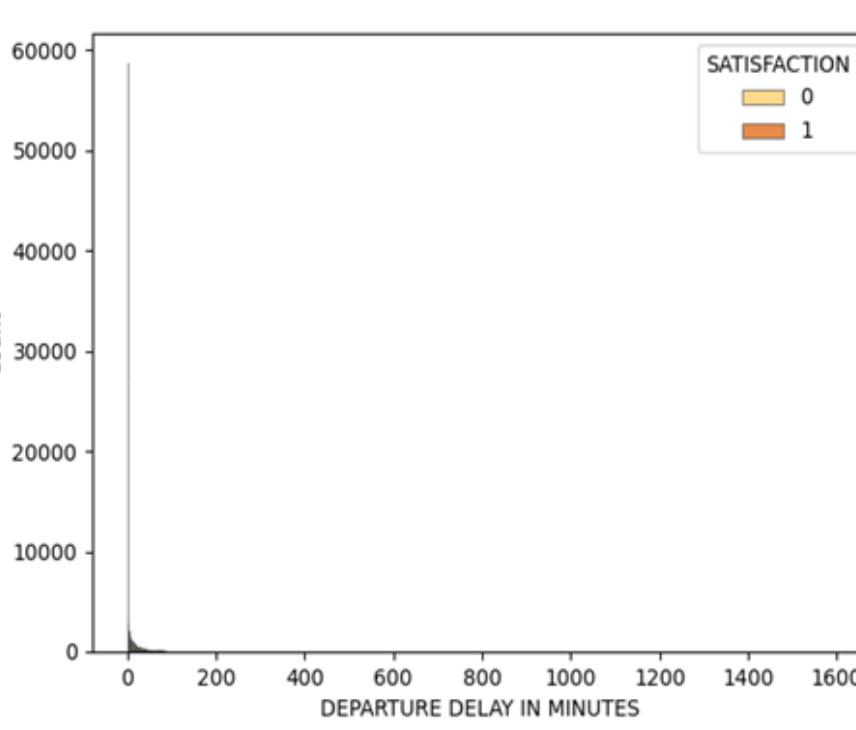
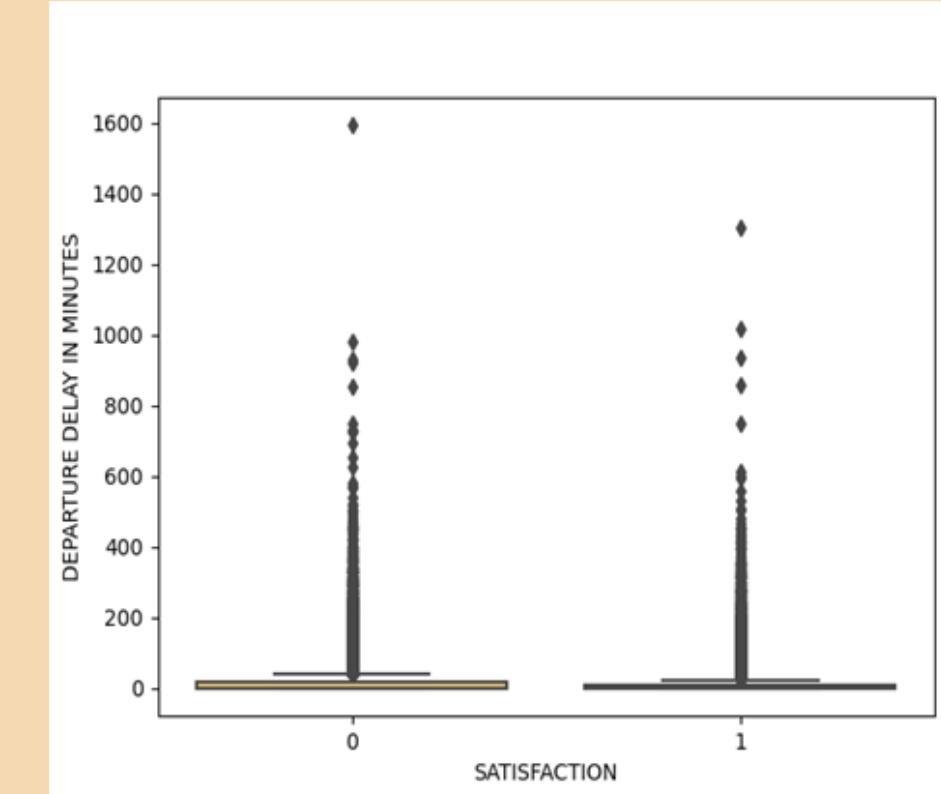
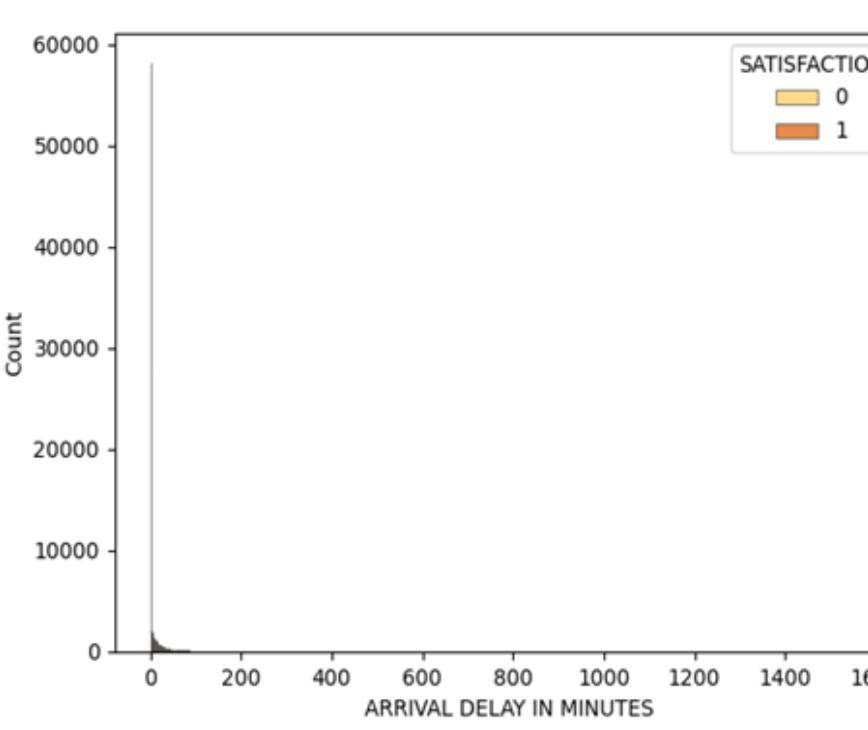
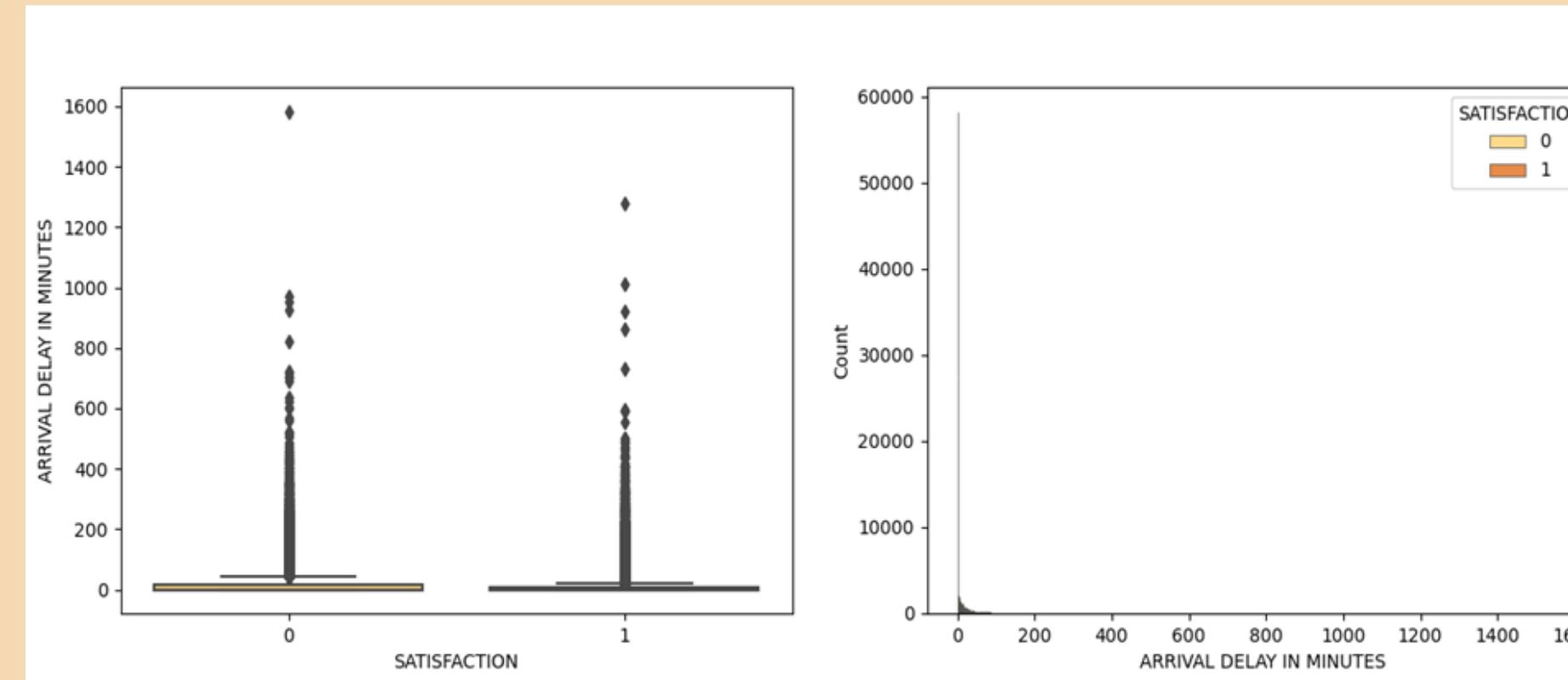
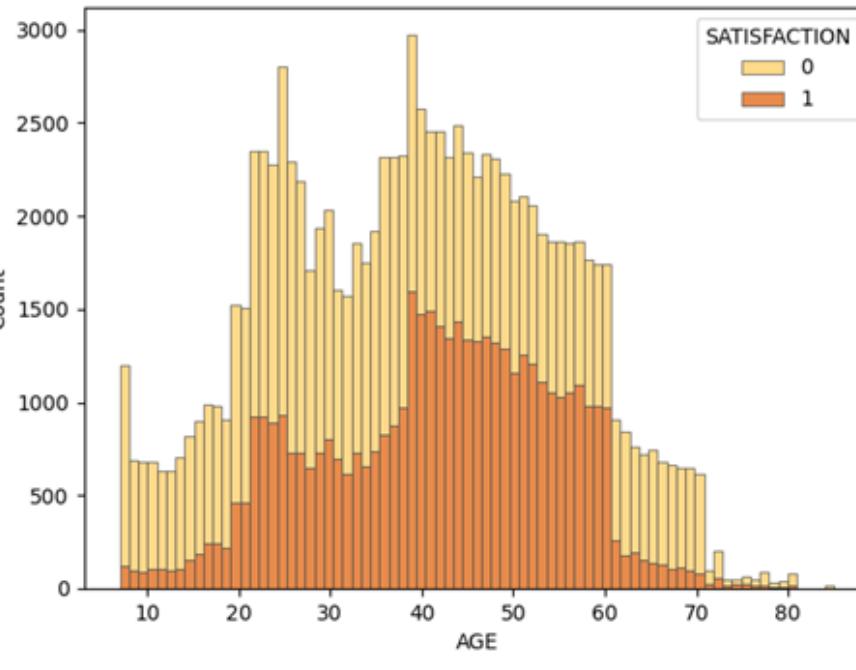
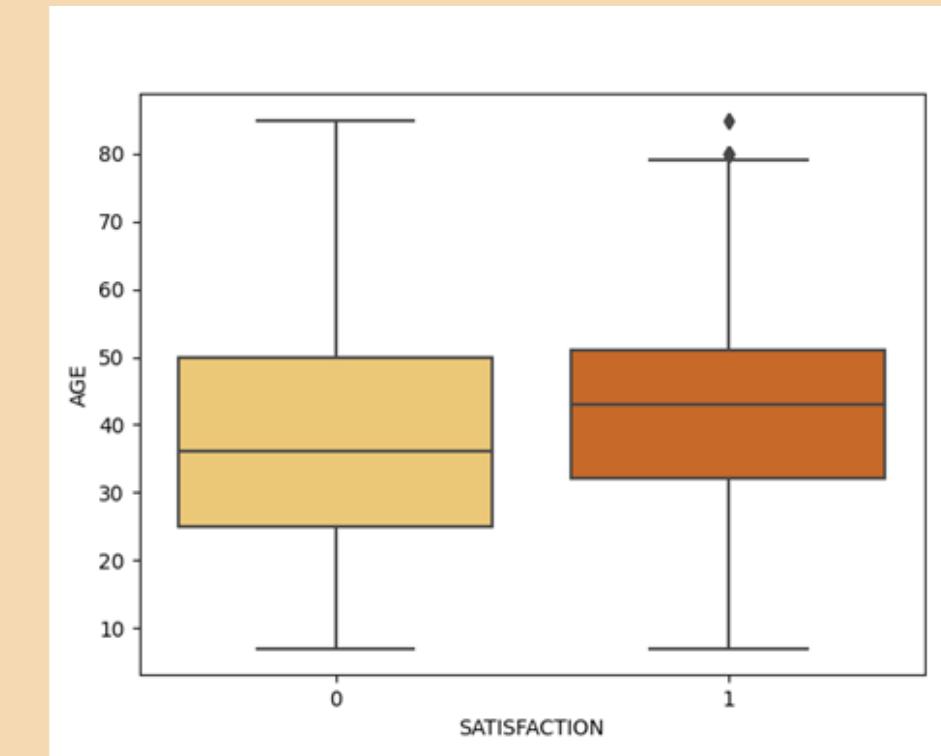
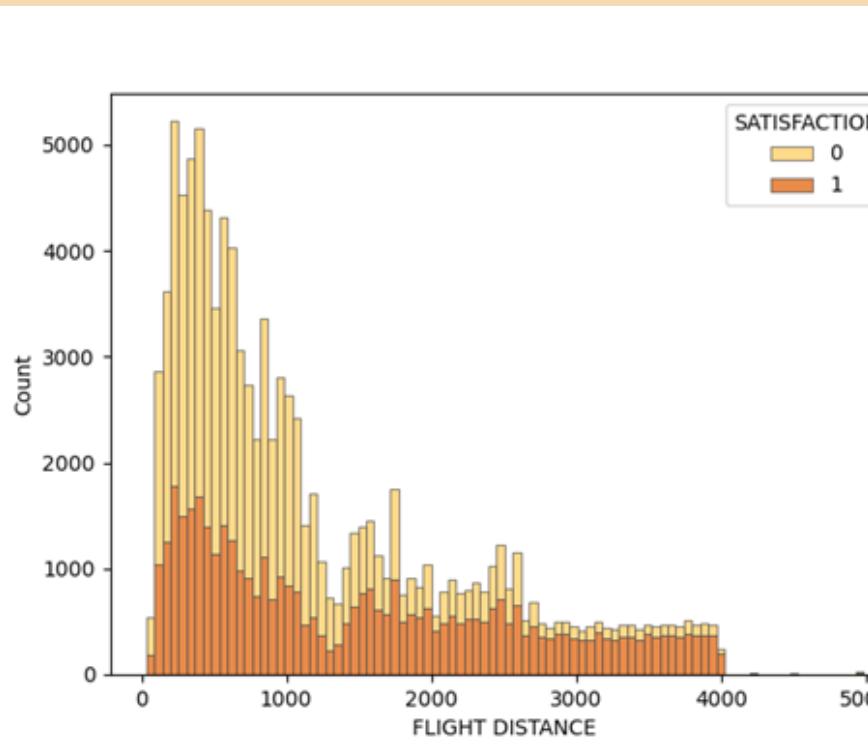
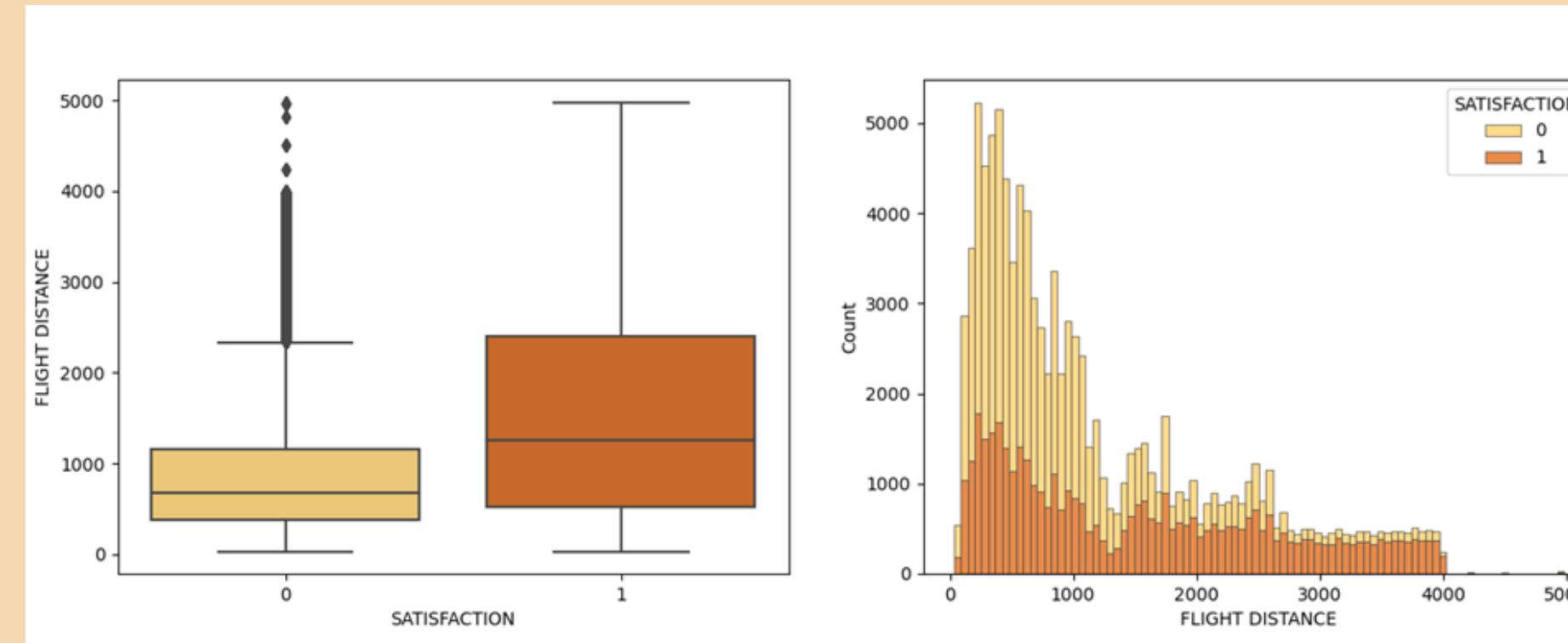
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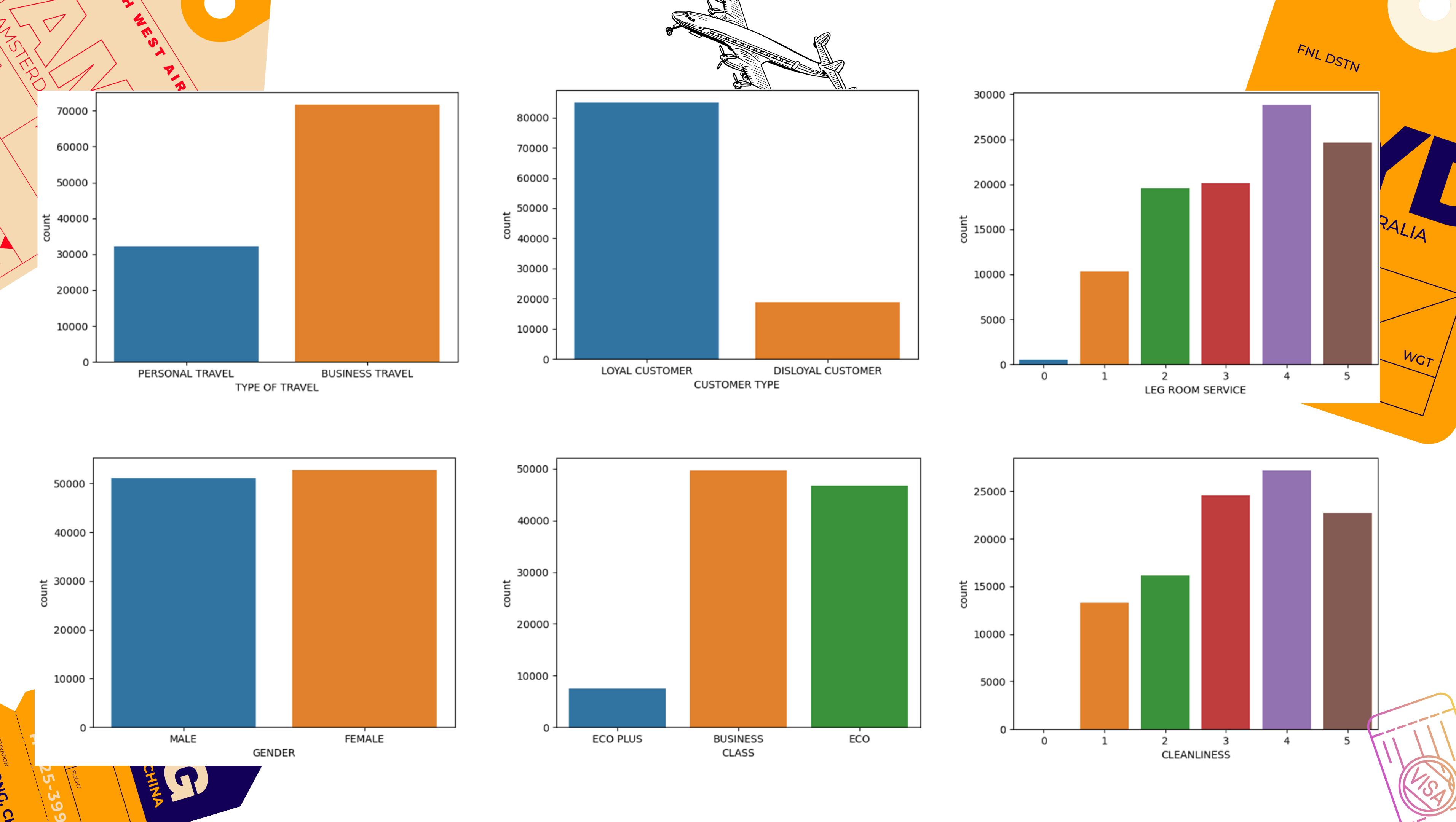
AGE





VERİ SETİ HİKAYESİ





VERİ SETİNİN HİKAYESİ

EN,

NO. 23-45-67

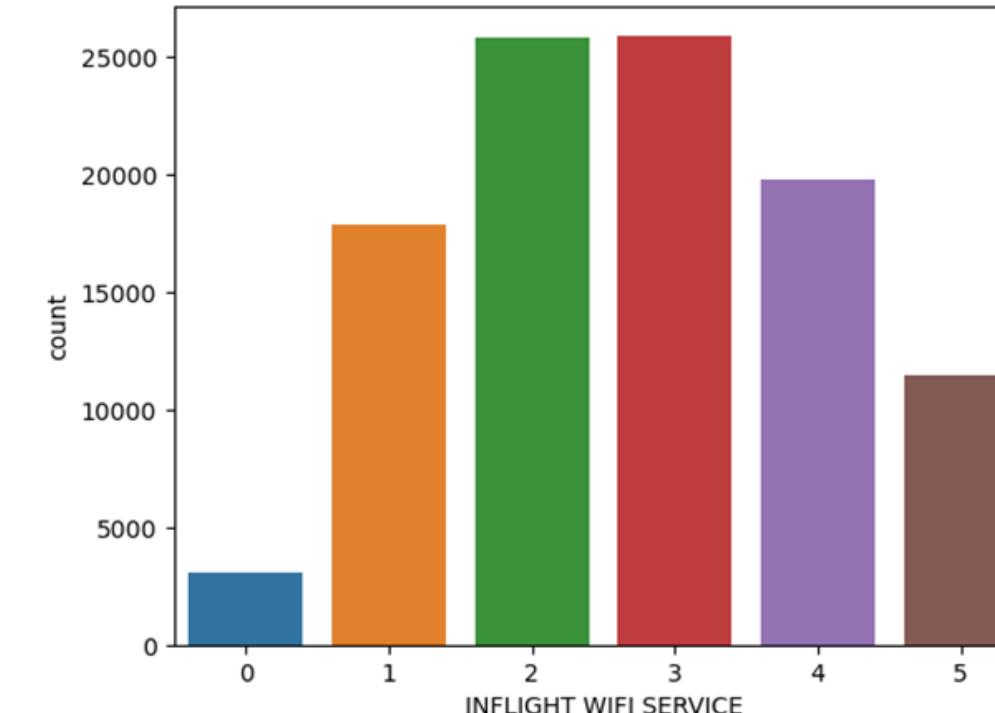
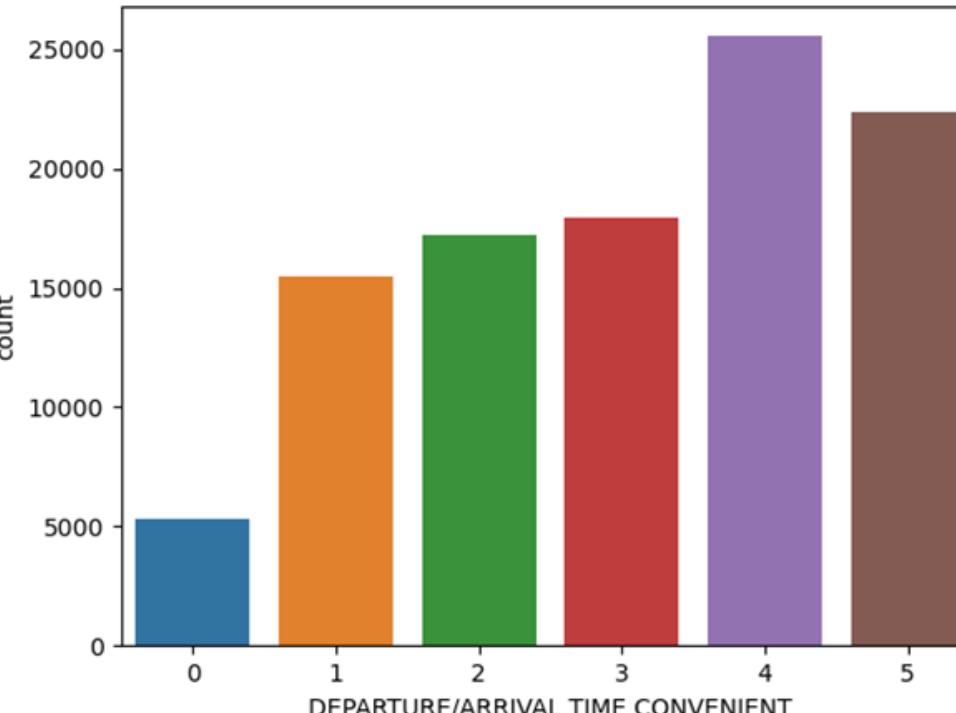
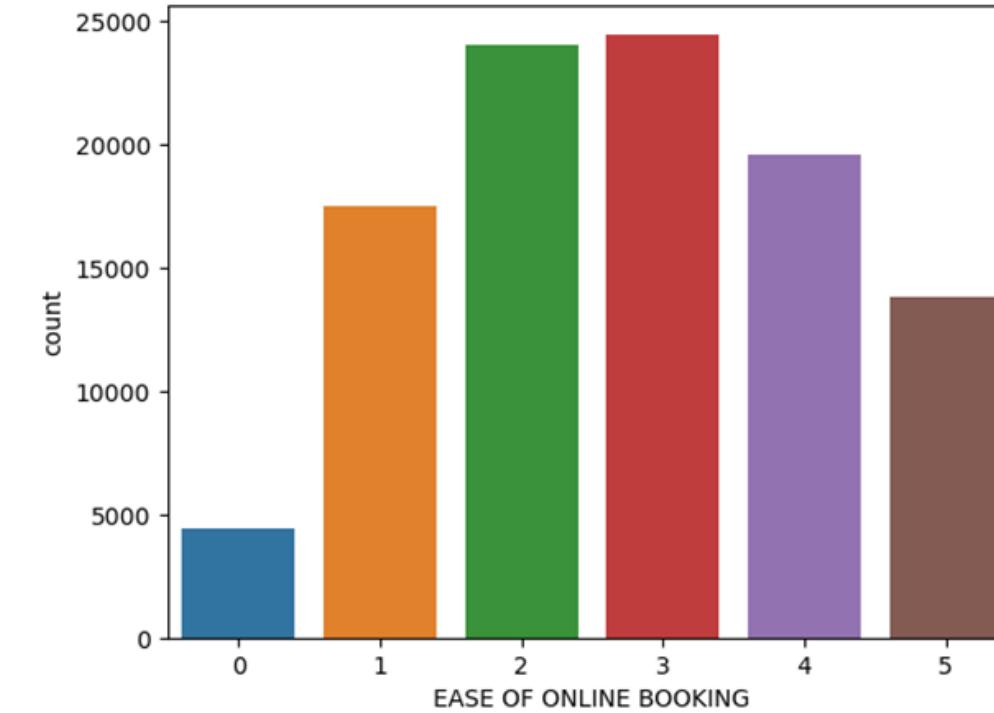
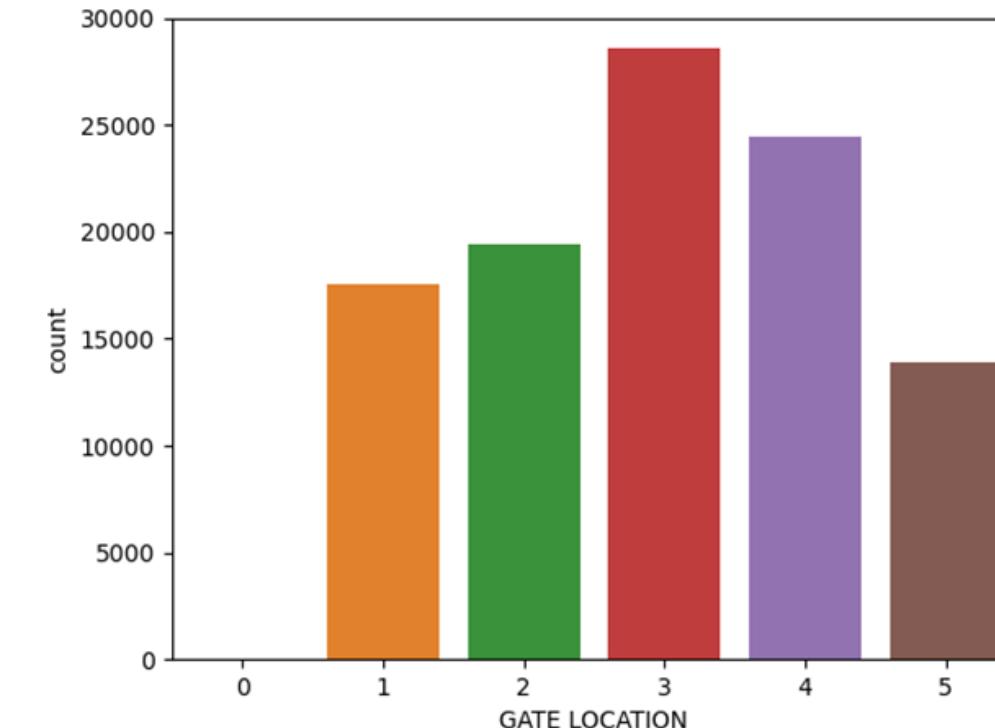
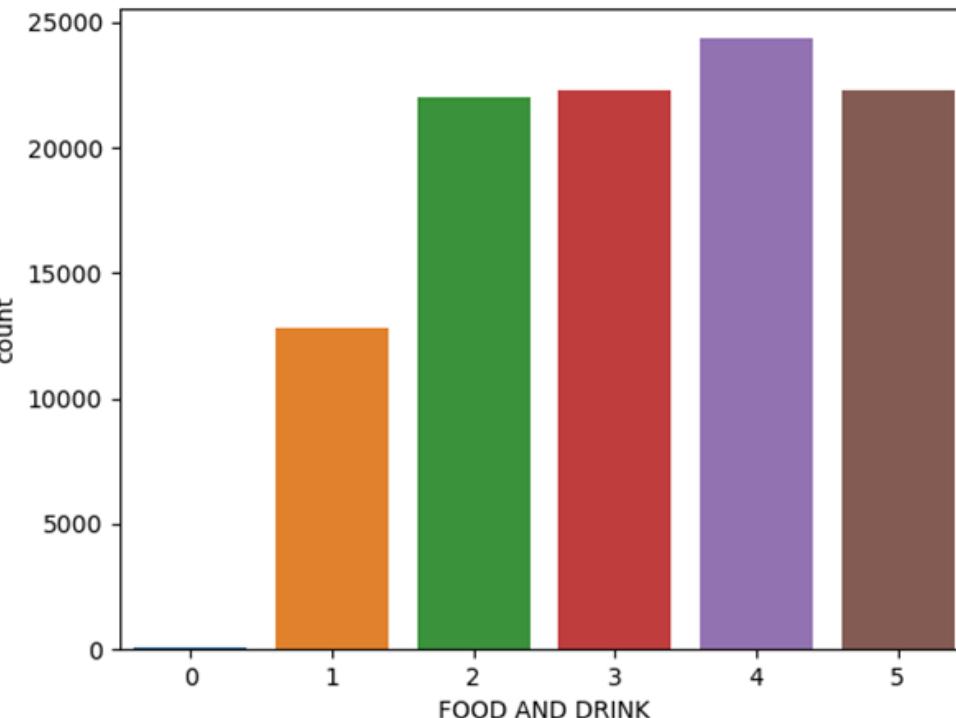
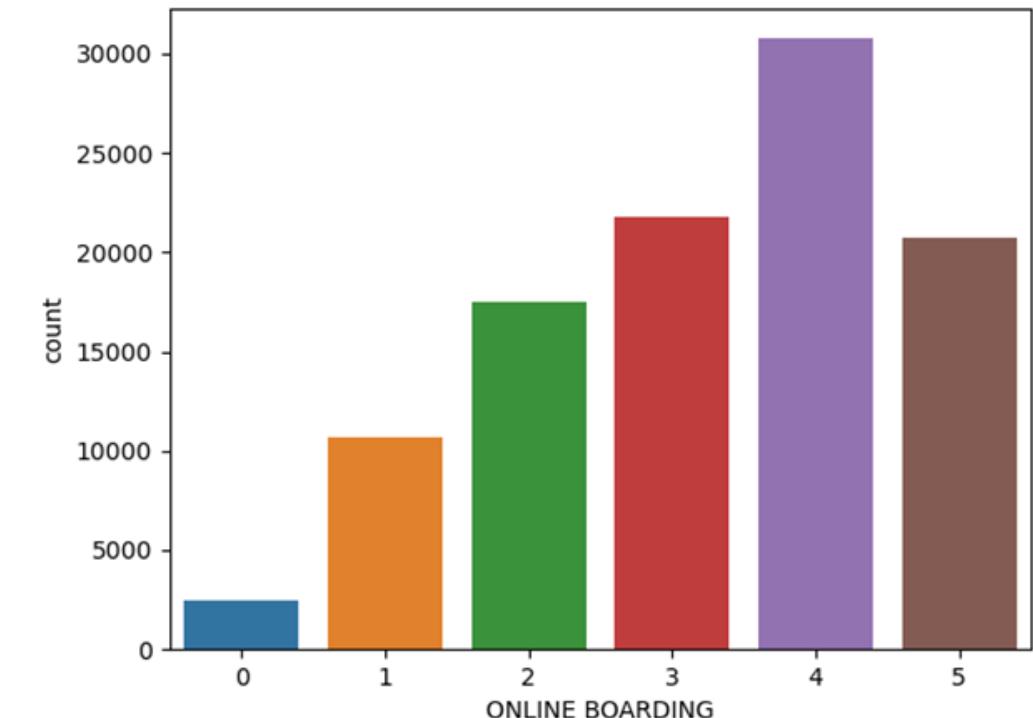
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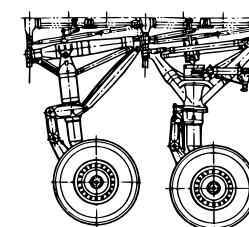
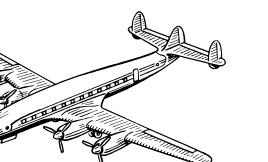
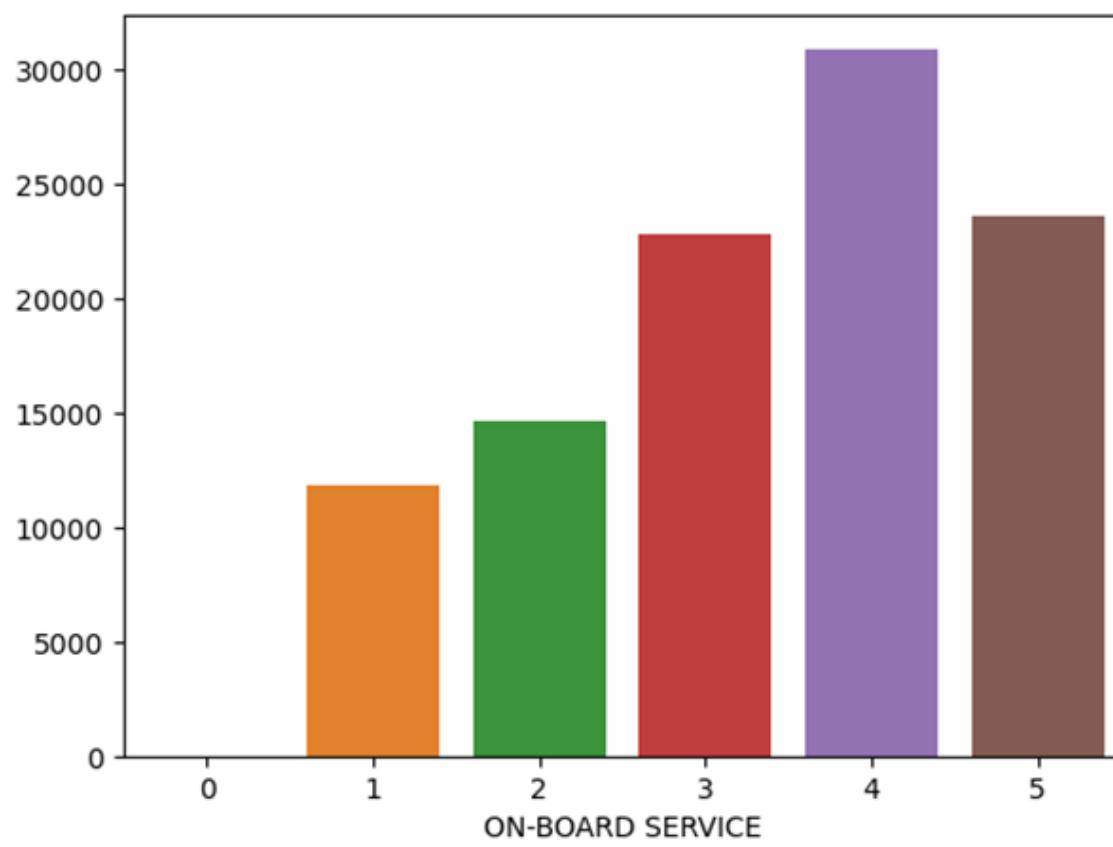
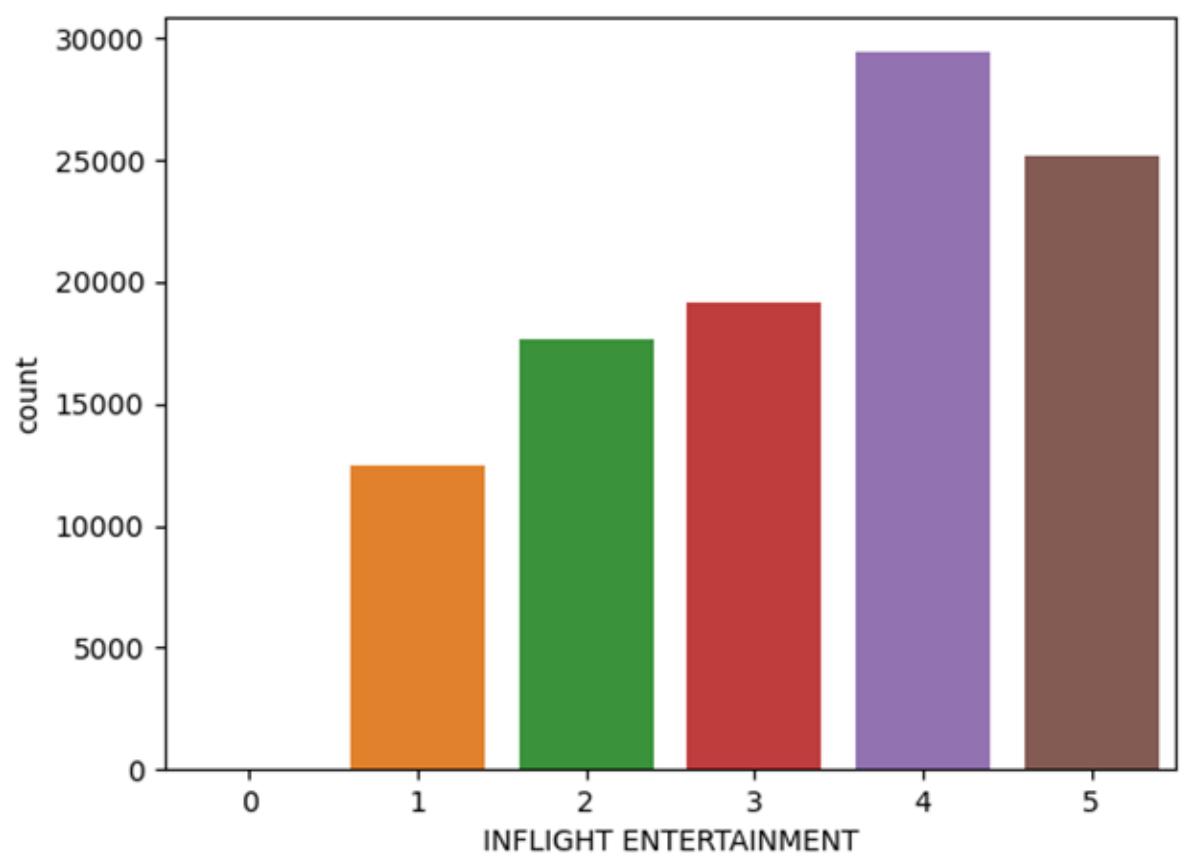
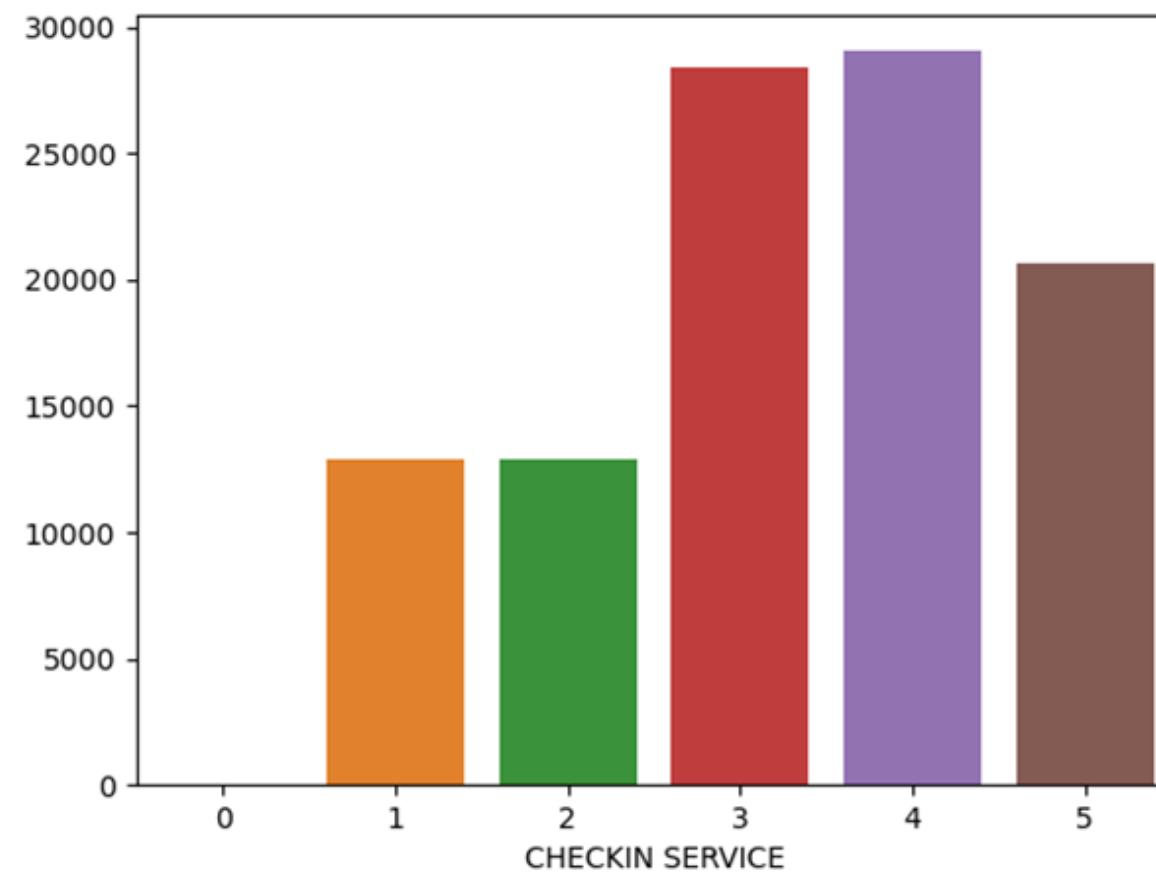
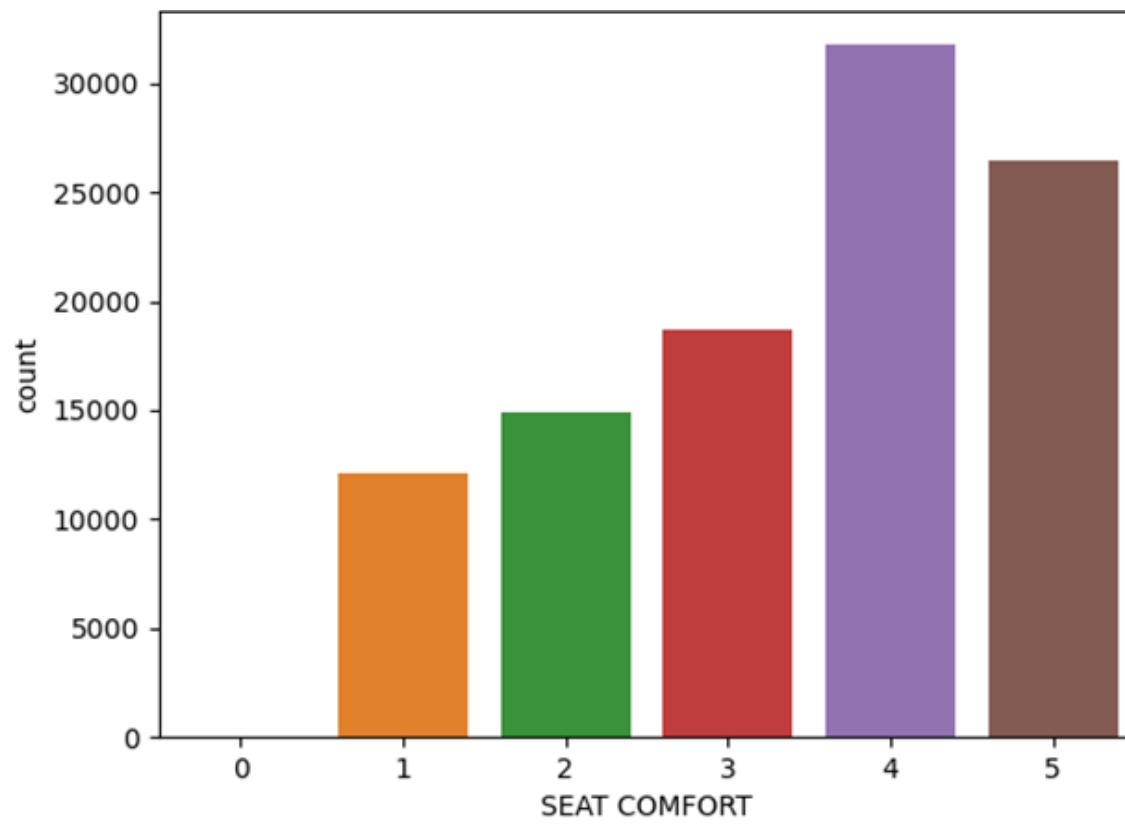
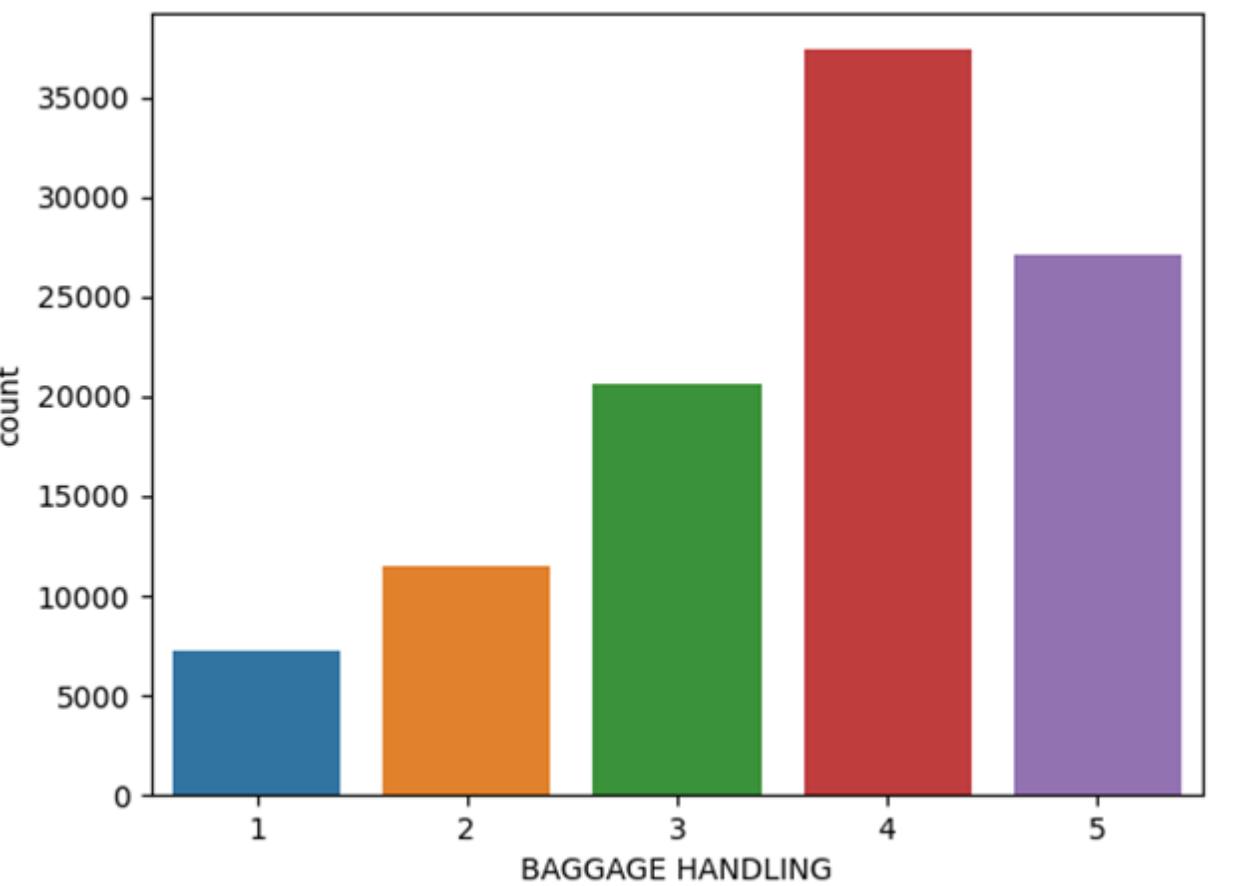
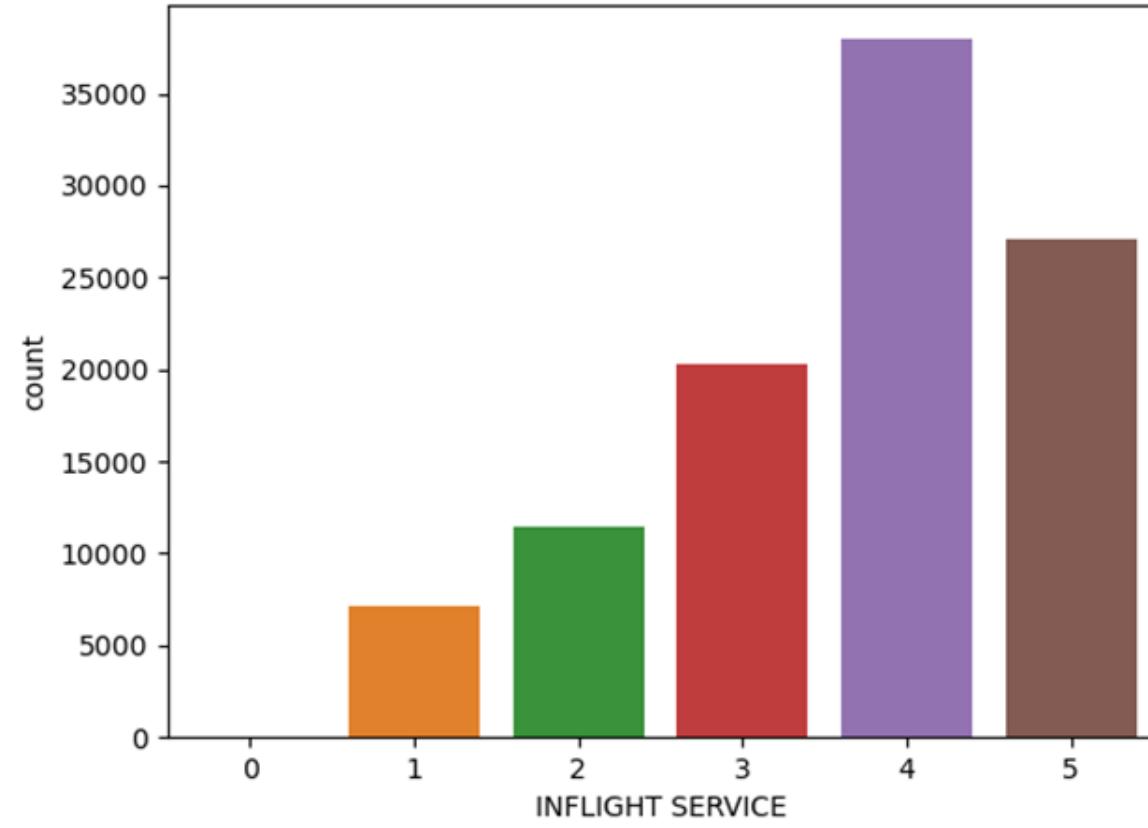
FLIGHT

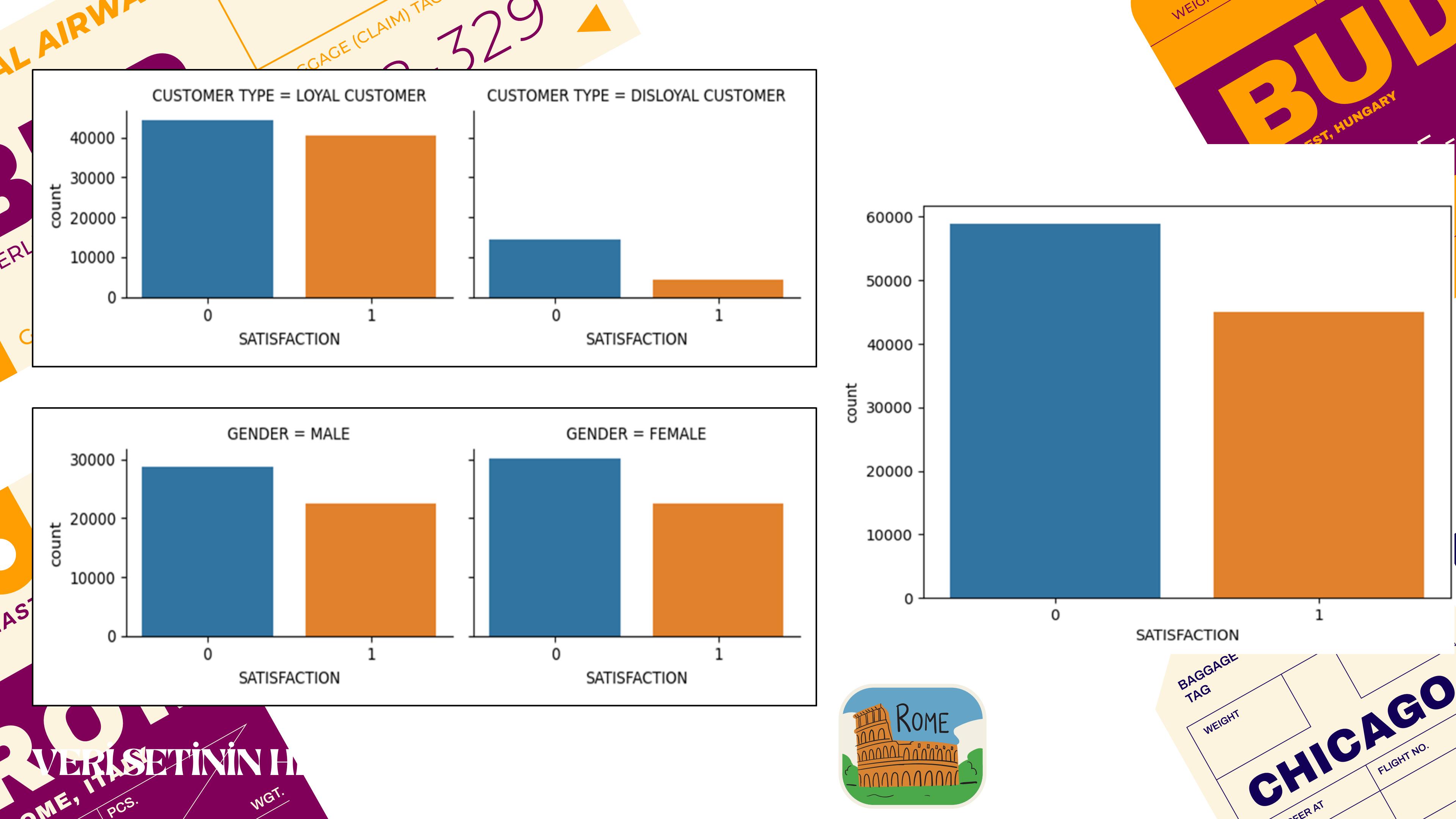
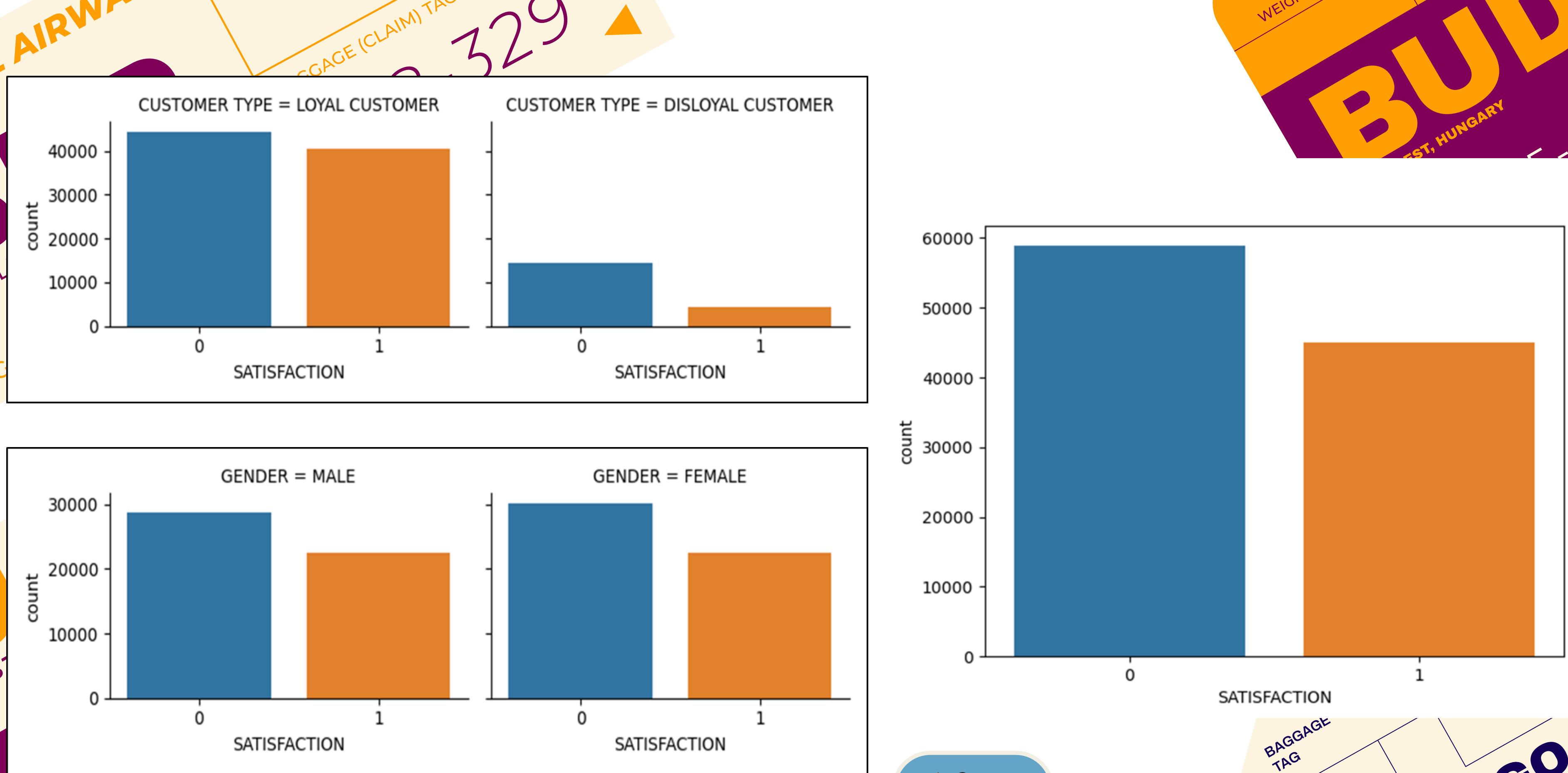
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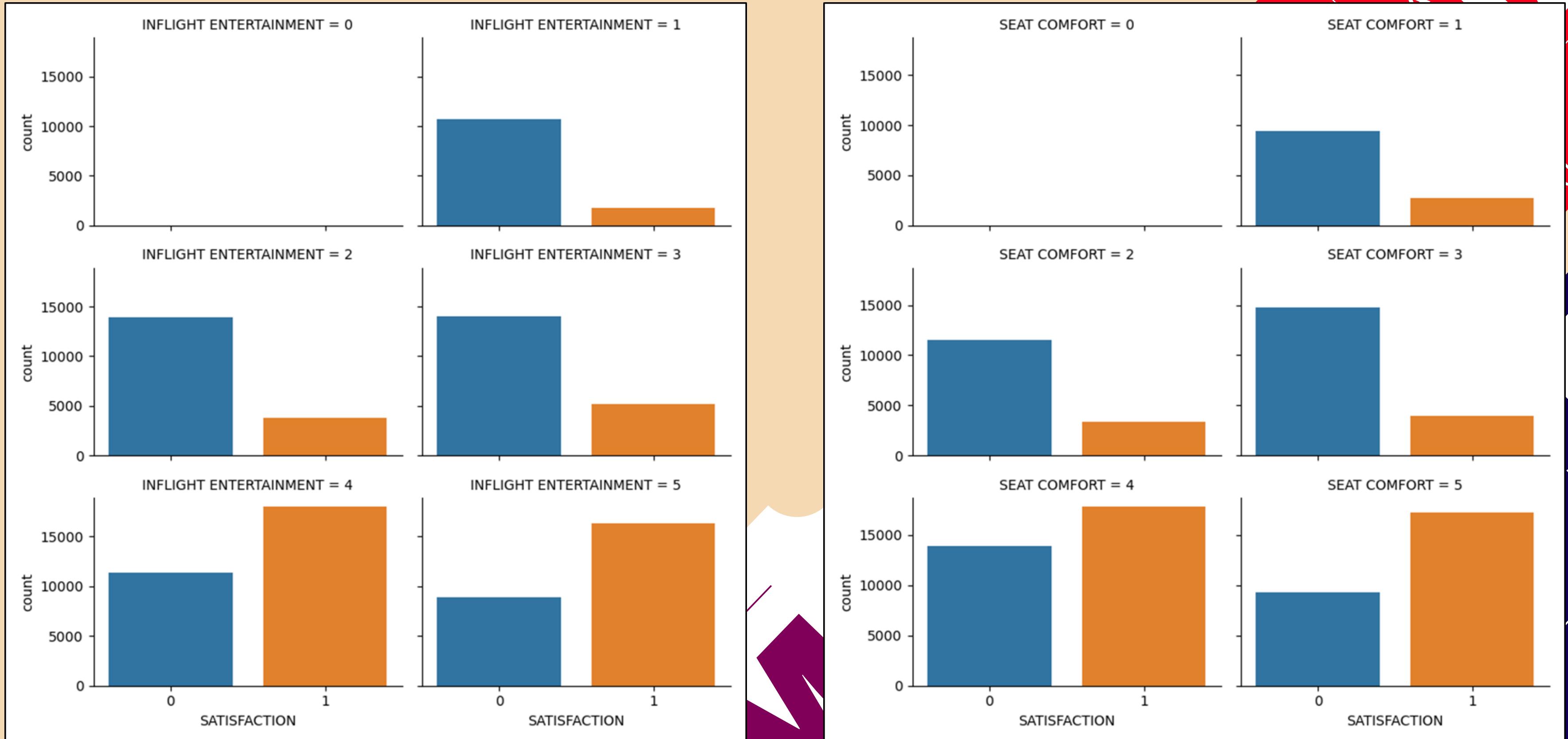
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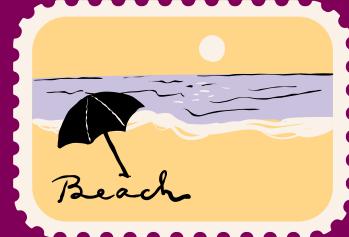
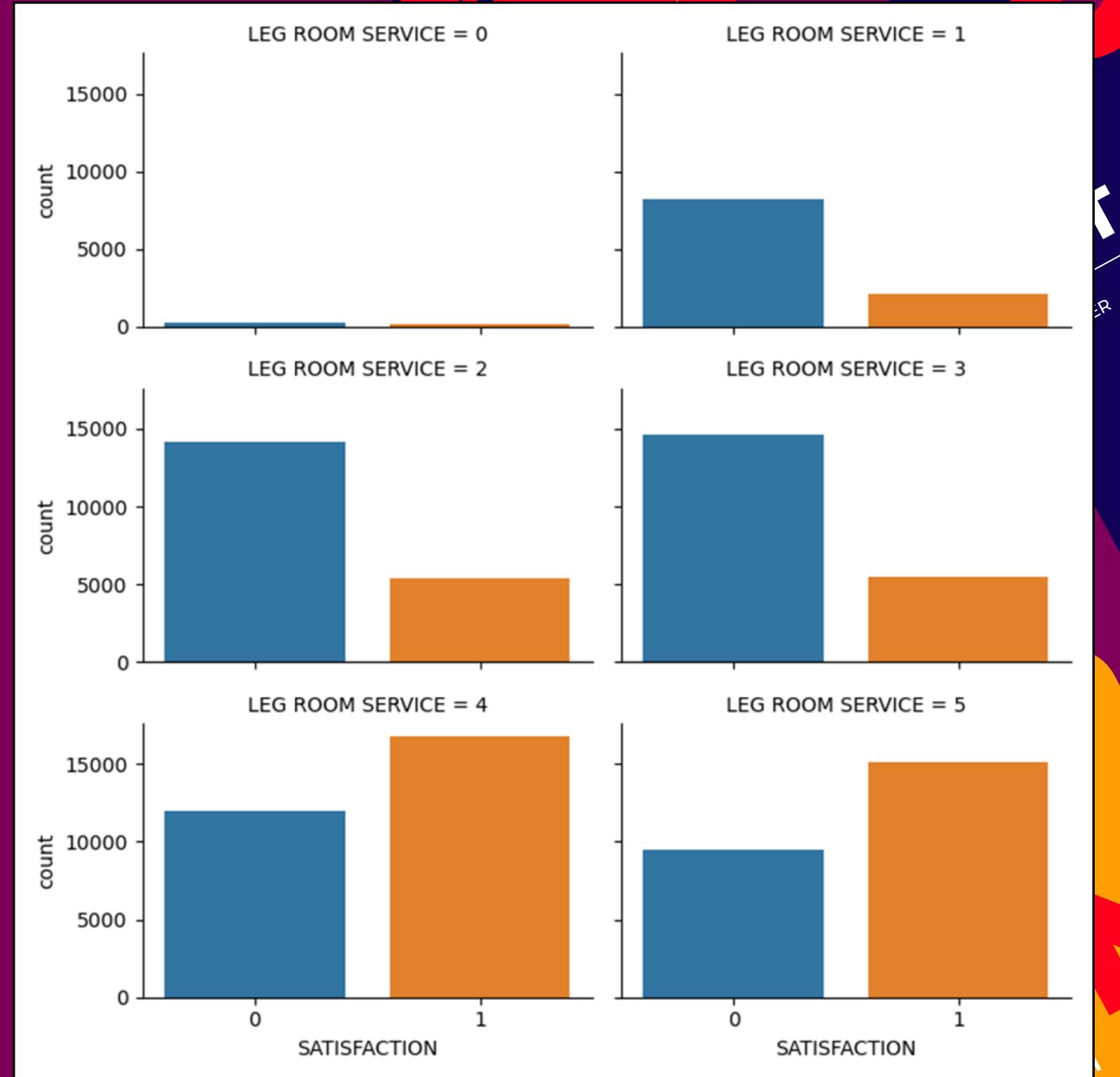
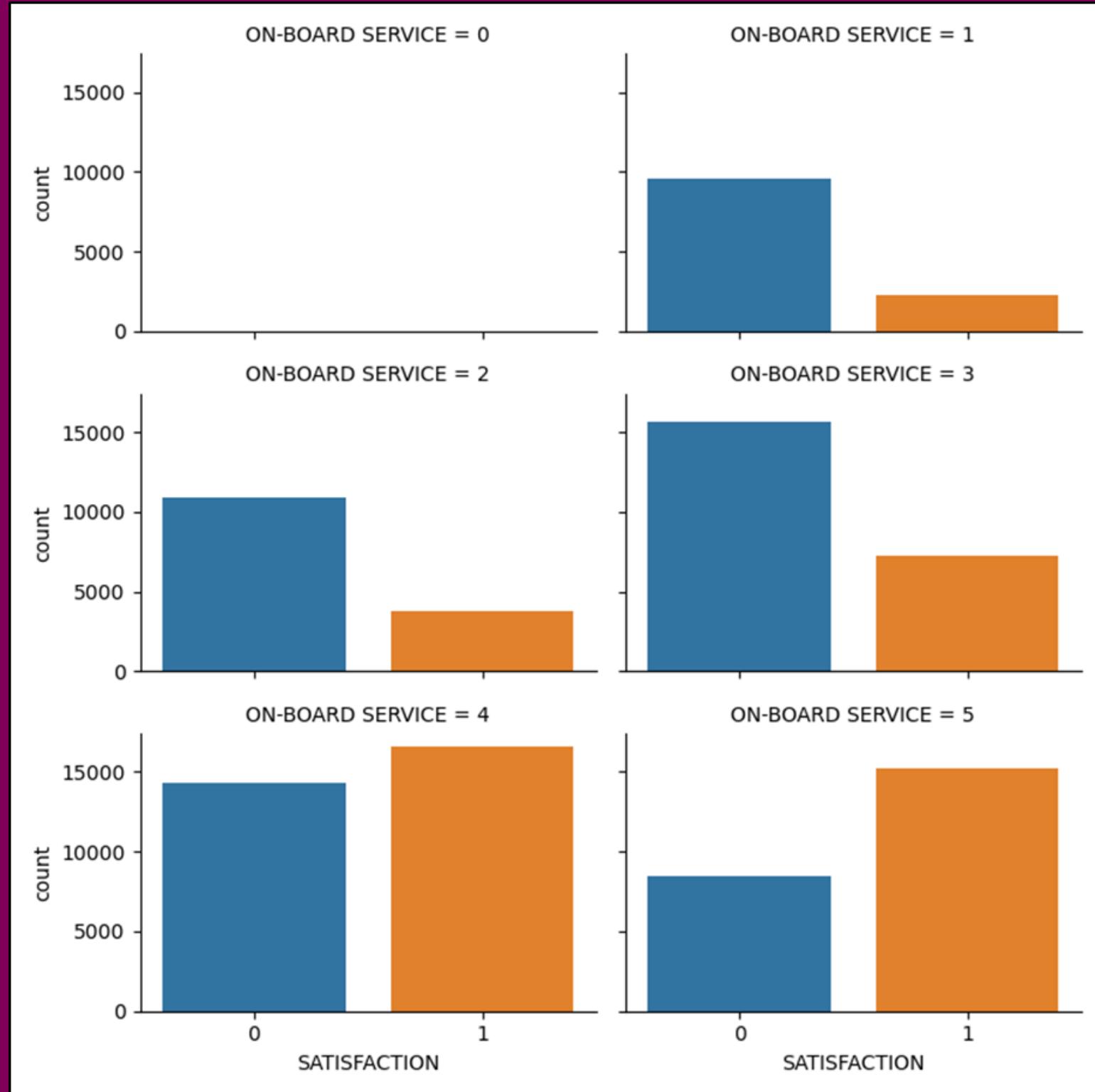




VERİ SETİNİN HİKAYESİ



VERİ SETİNİN HİKAYESİ



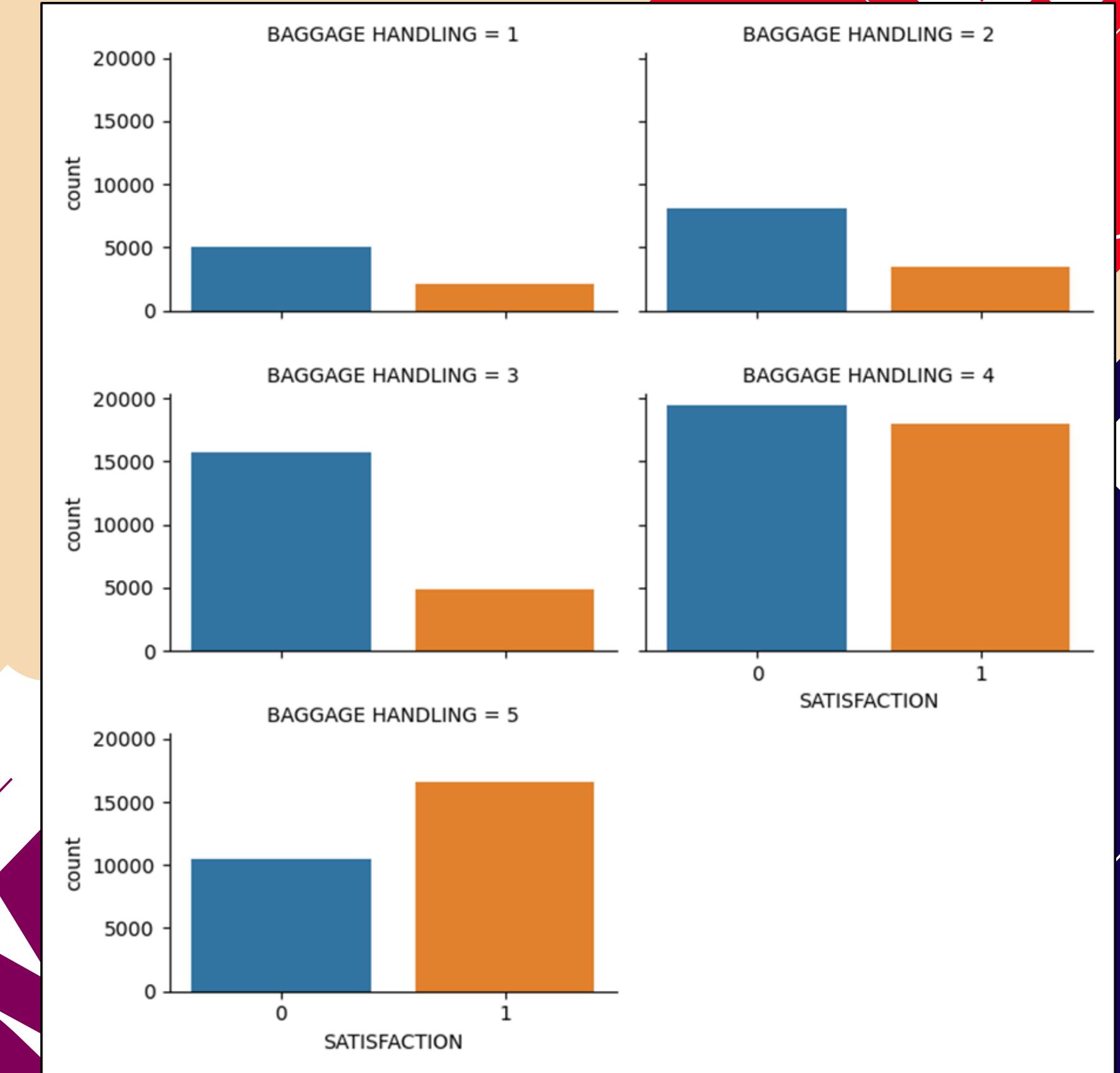
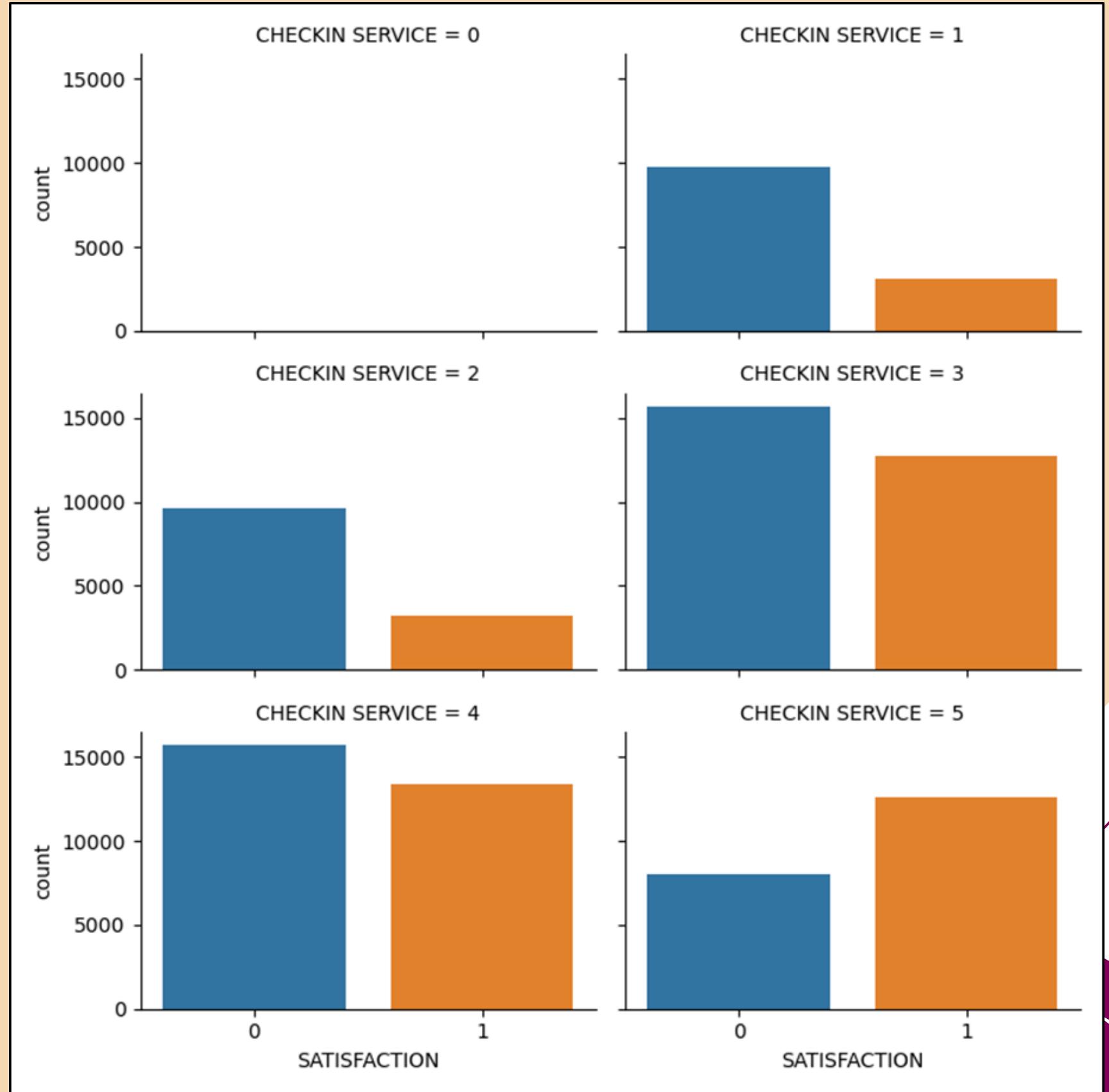
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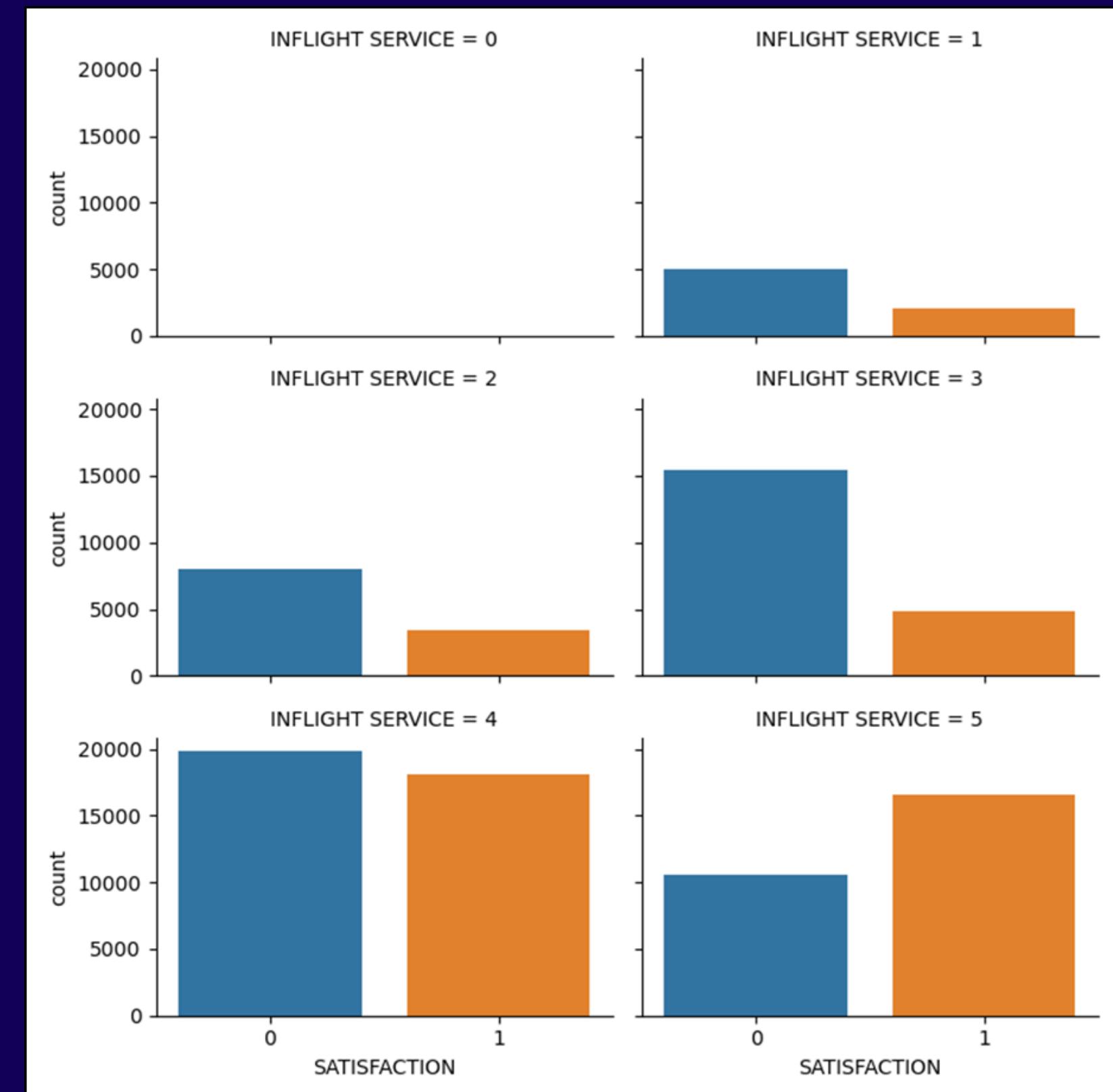
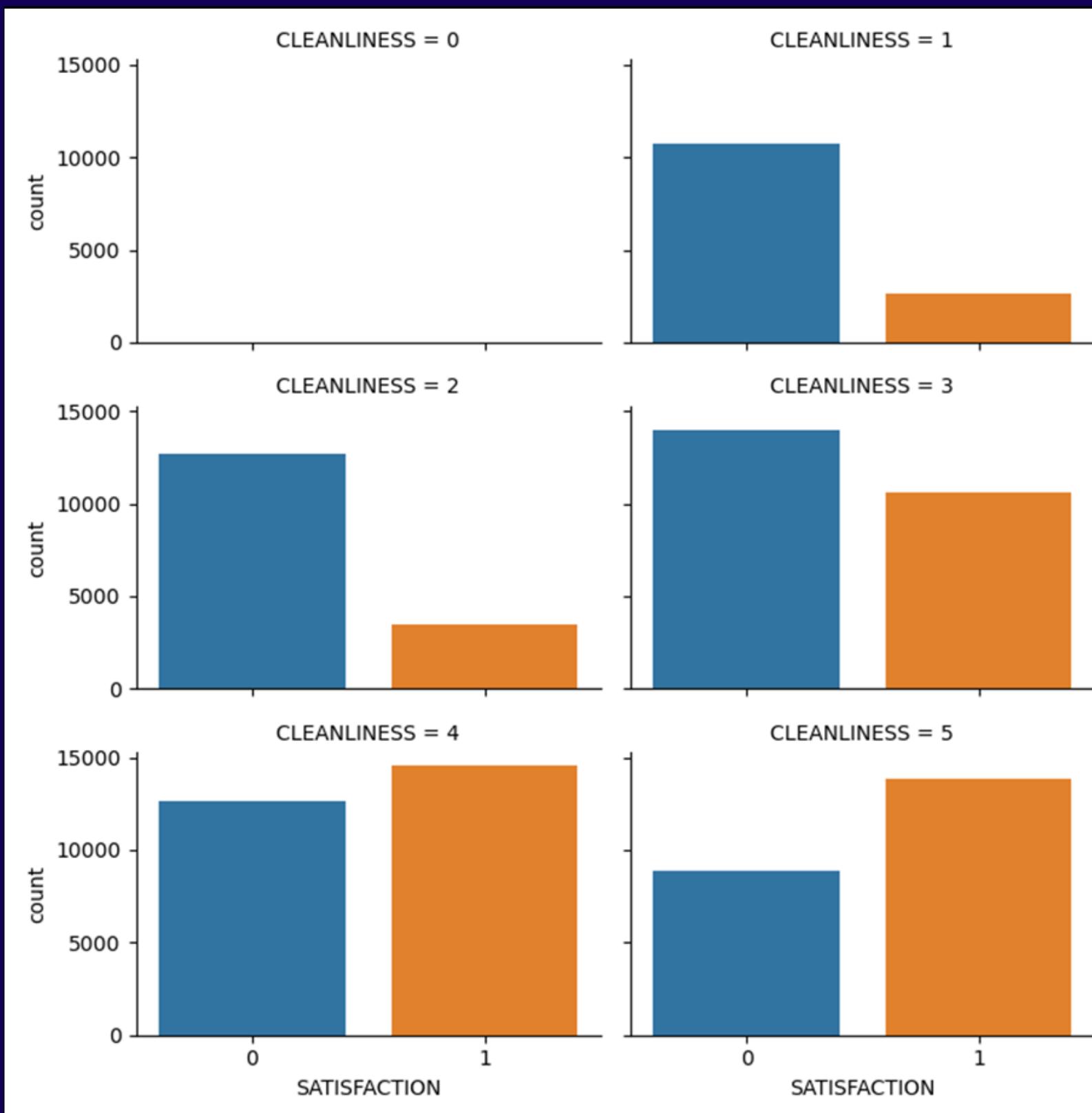
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HAVANA, CUBA

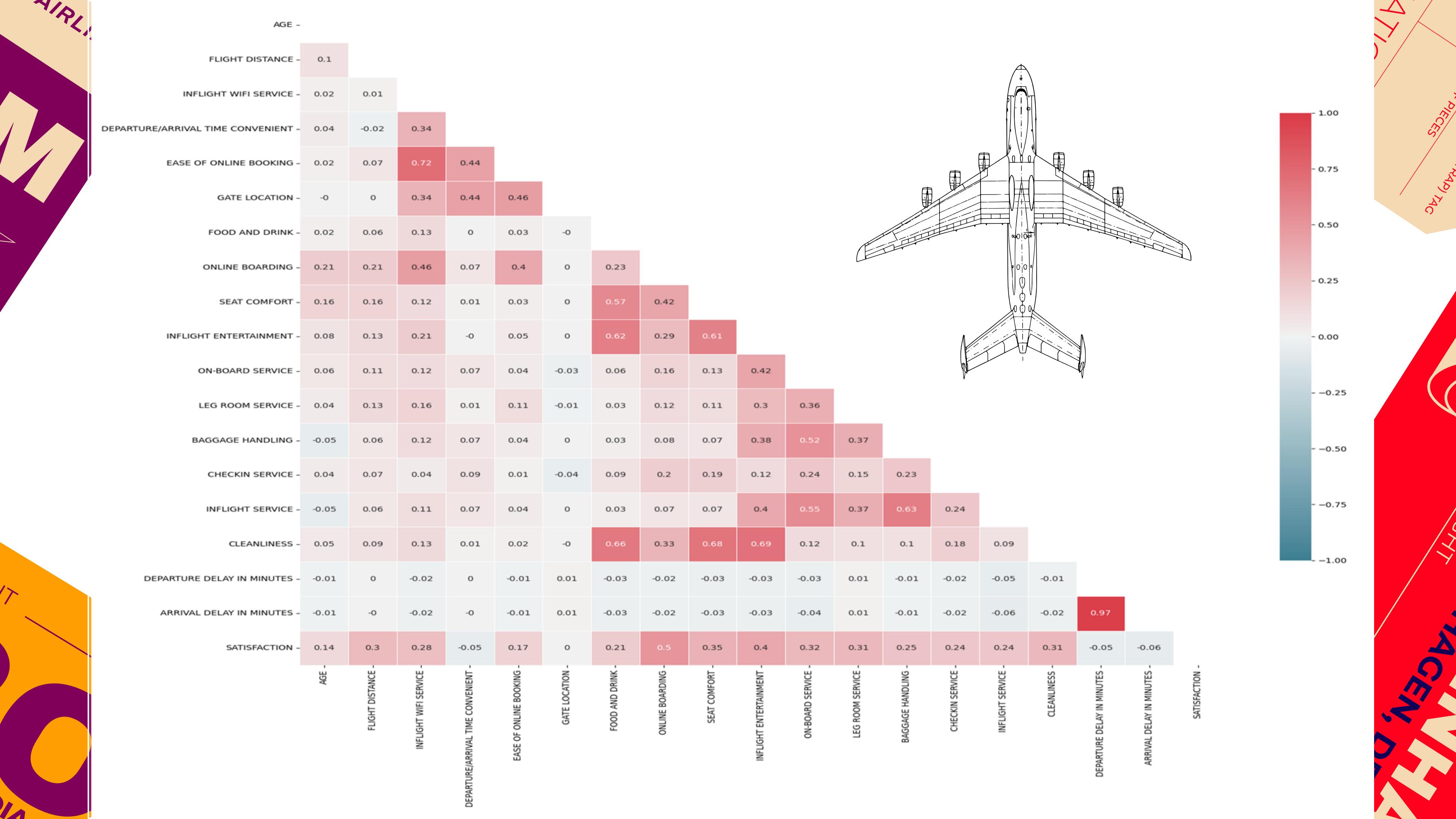
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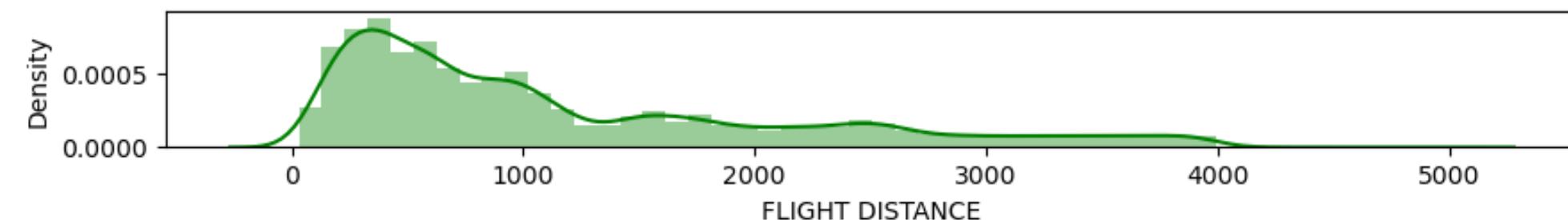
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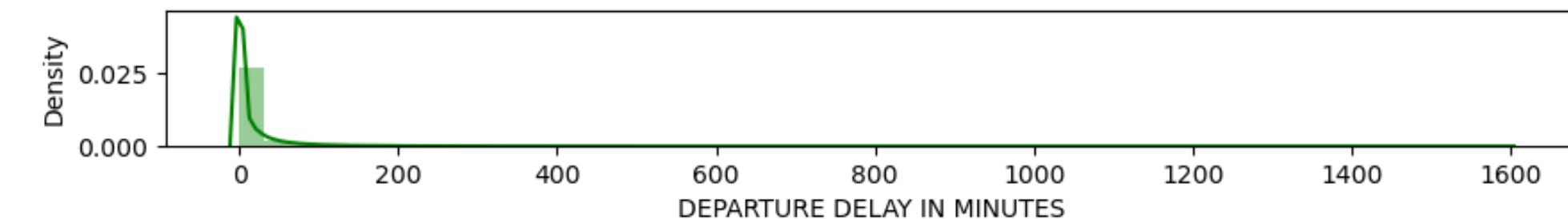




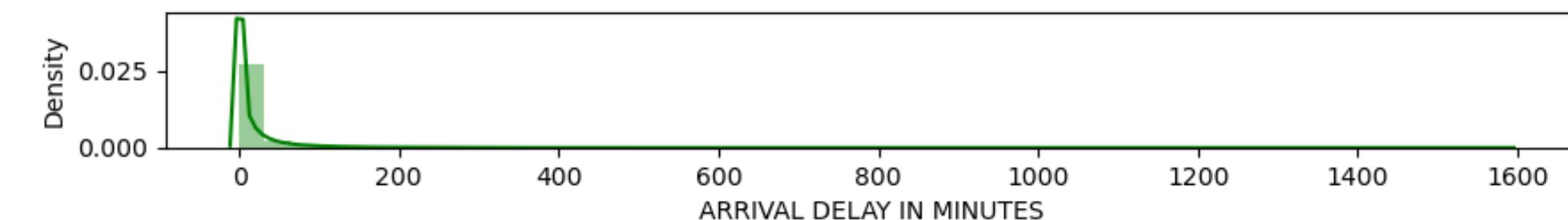
Distribution of FLIGHT DISTANCE



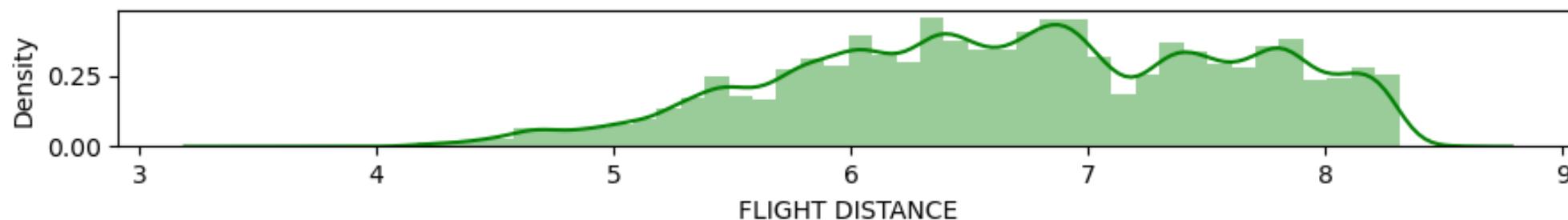
Distribution of DEPARTURE DELAY IN MINUTES



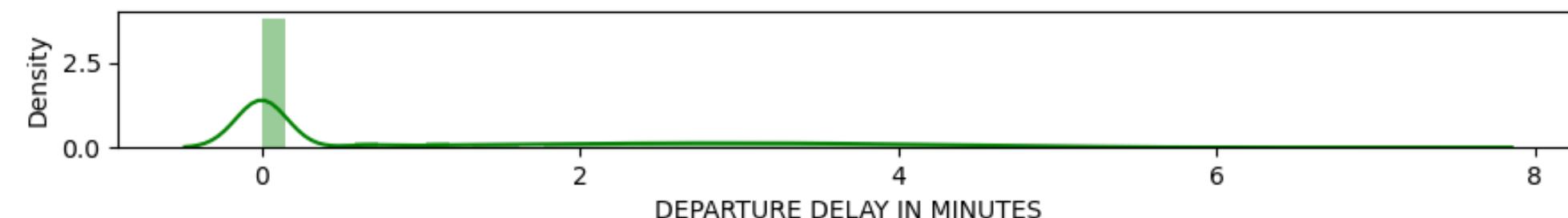
Distribution of ARRIVAL DELAY IN MINUTES



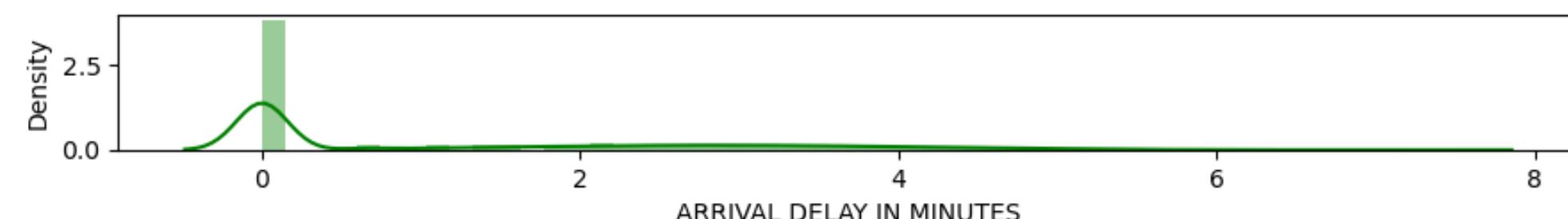
Distribution of FLIGHT DISTANCE



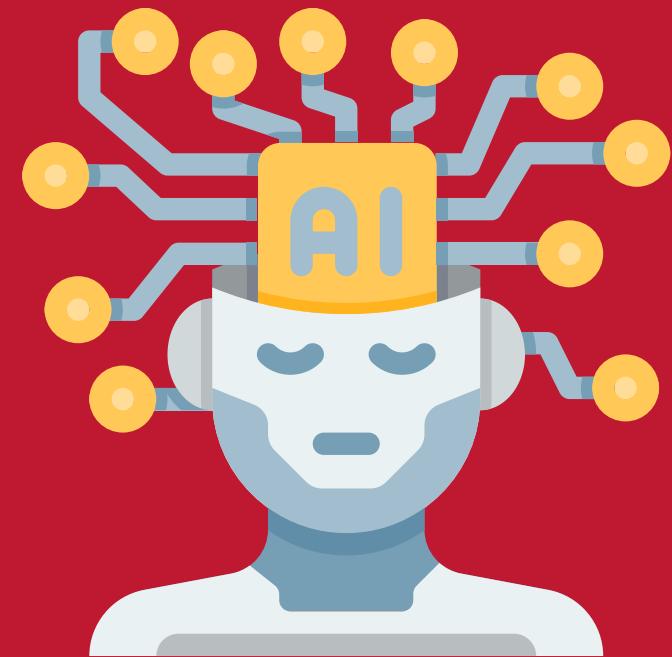
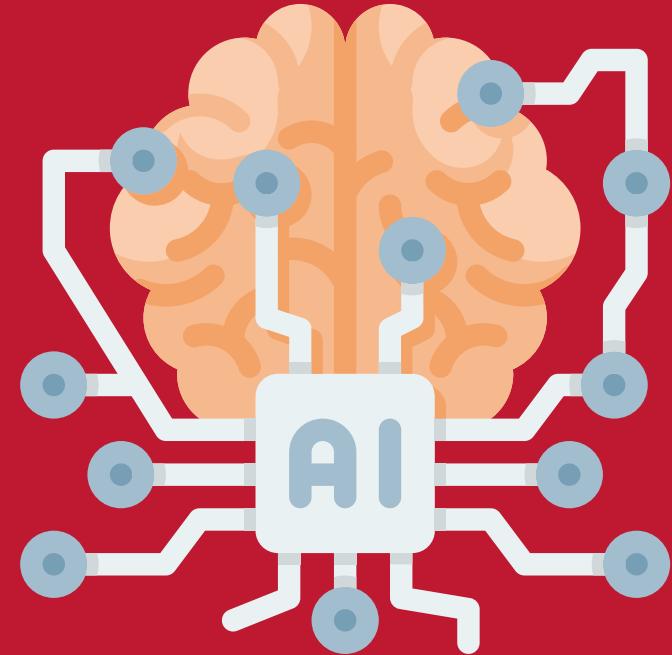
Distribution of DEPARTURE DELAY IN MINUTES



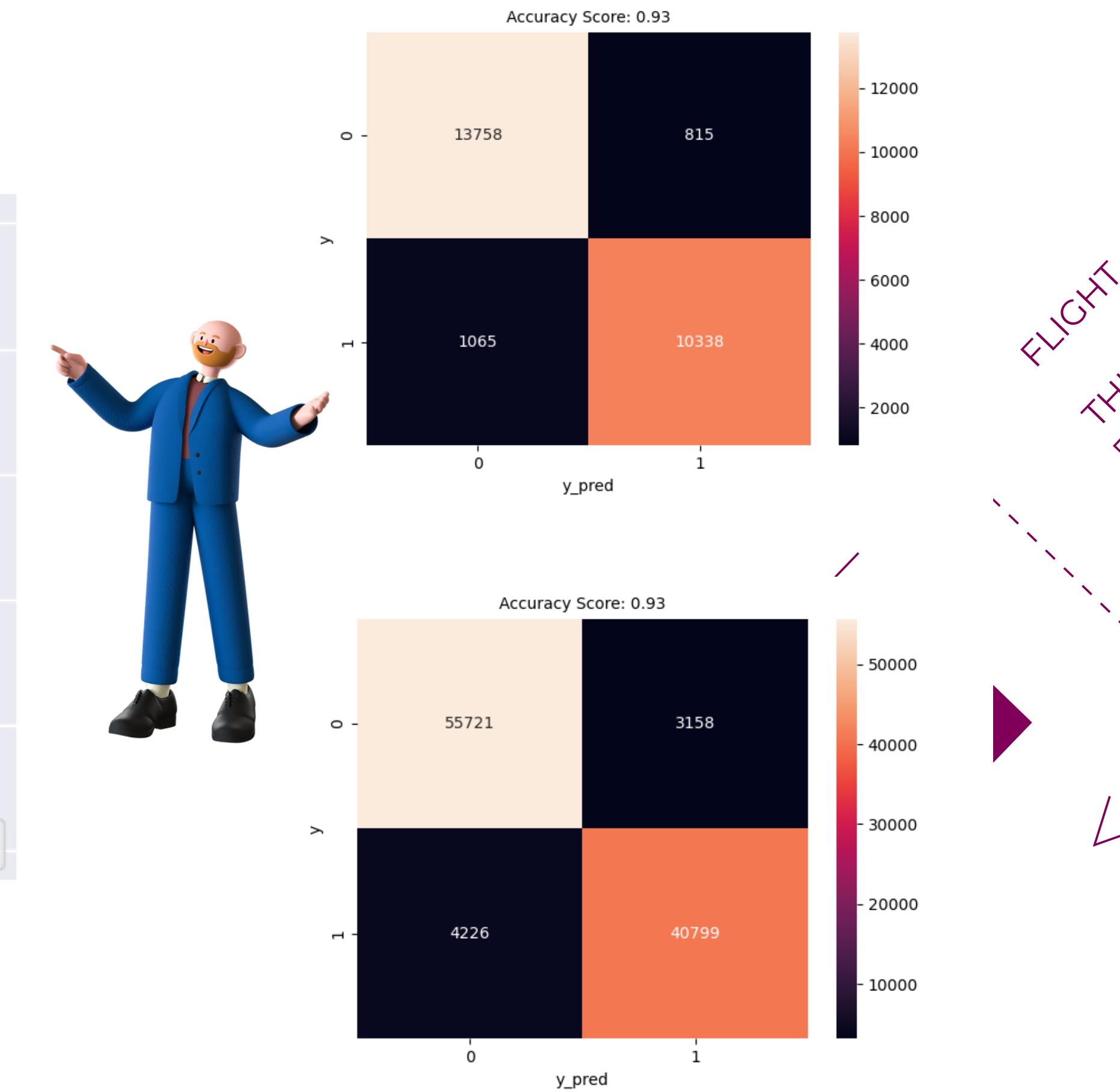
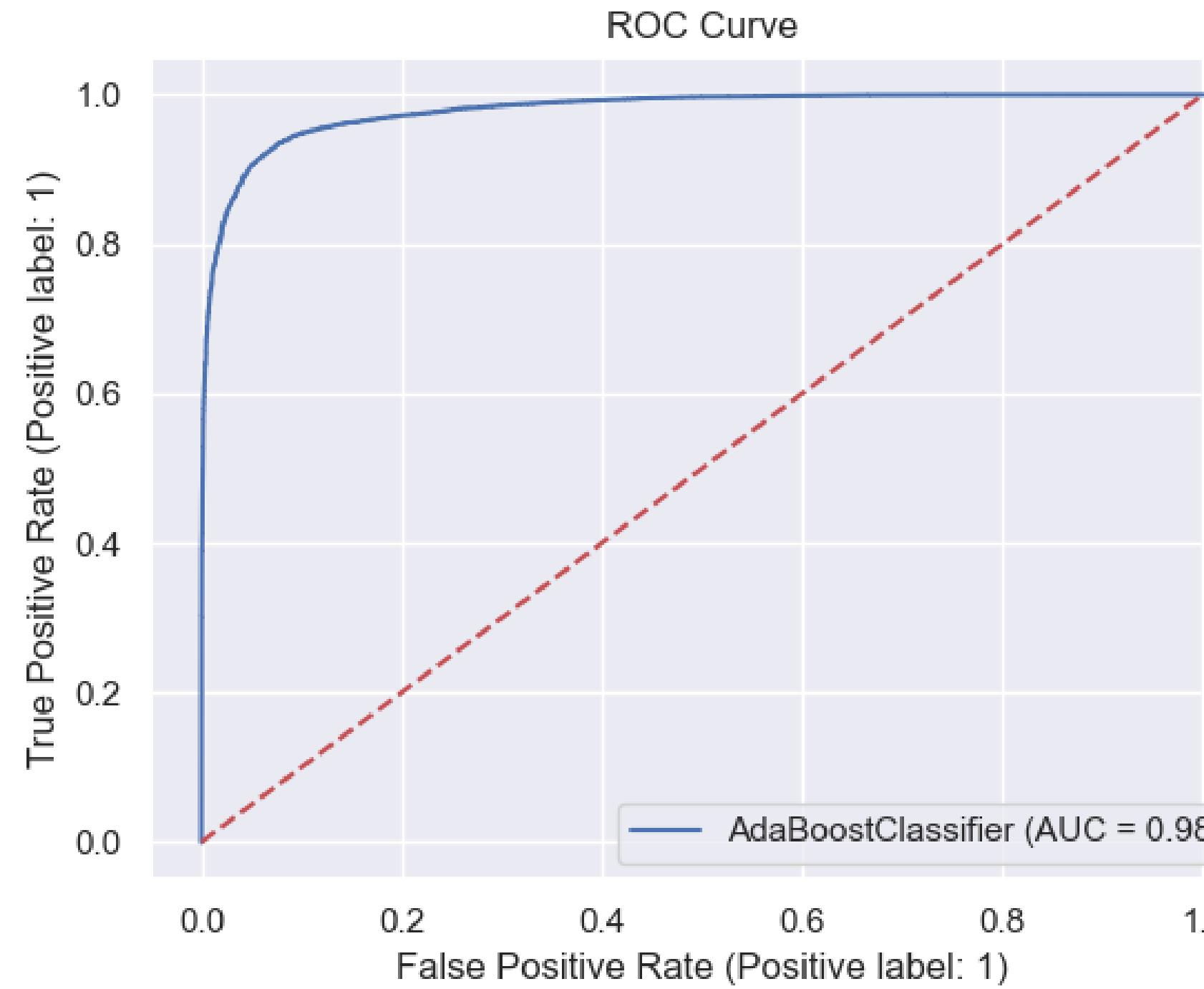
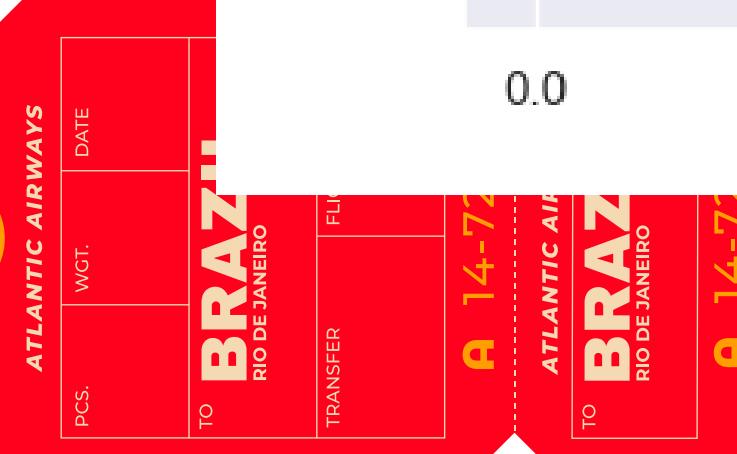
Distribution of ARRIVAL DELAY IN MINUTES



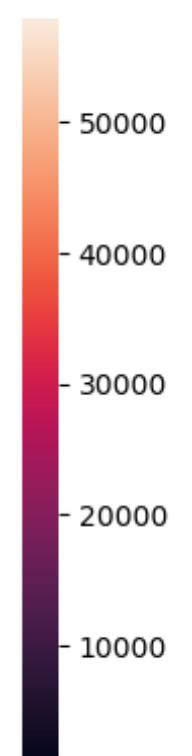
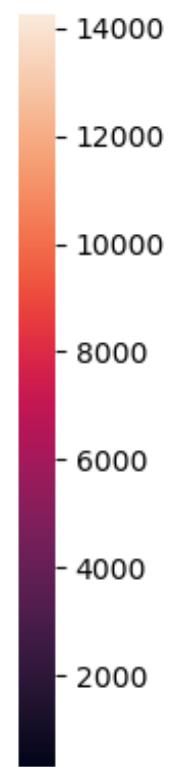
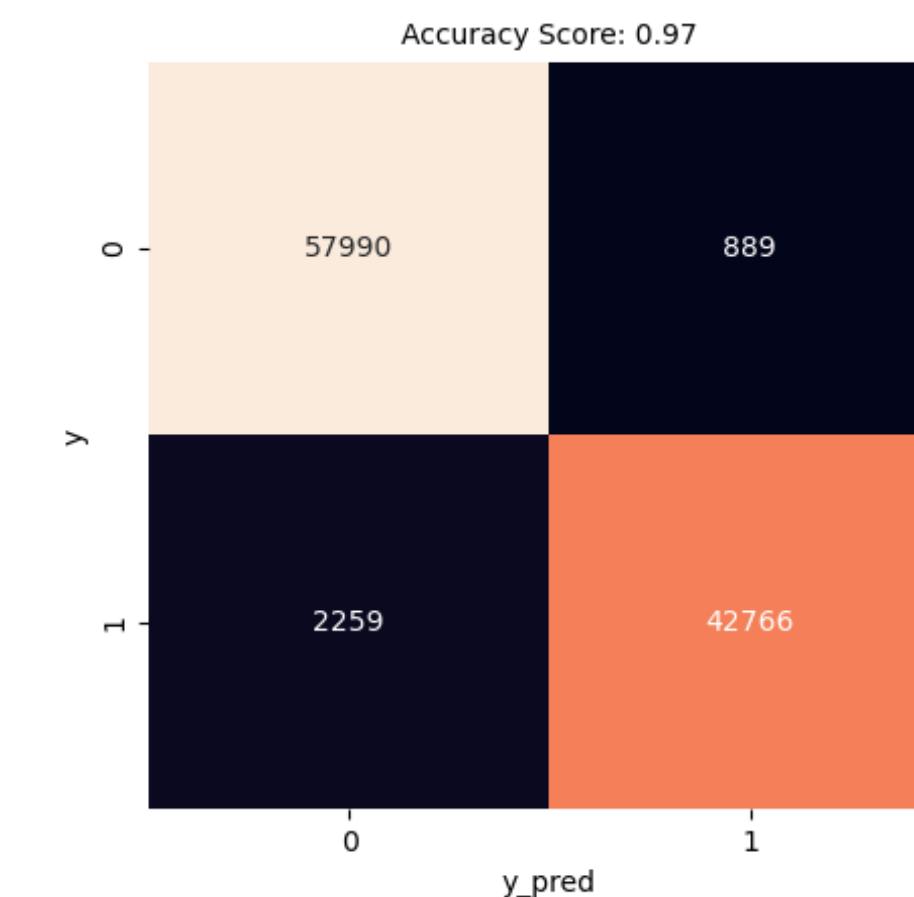
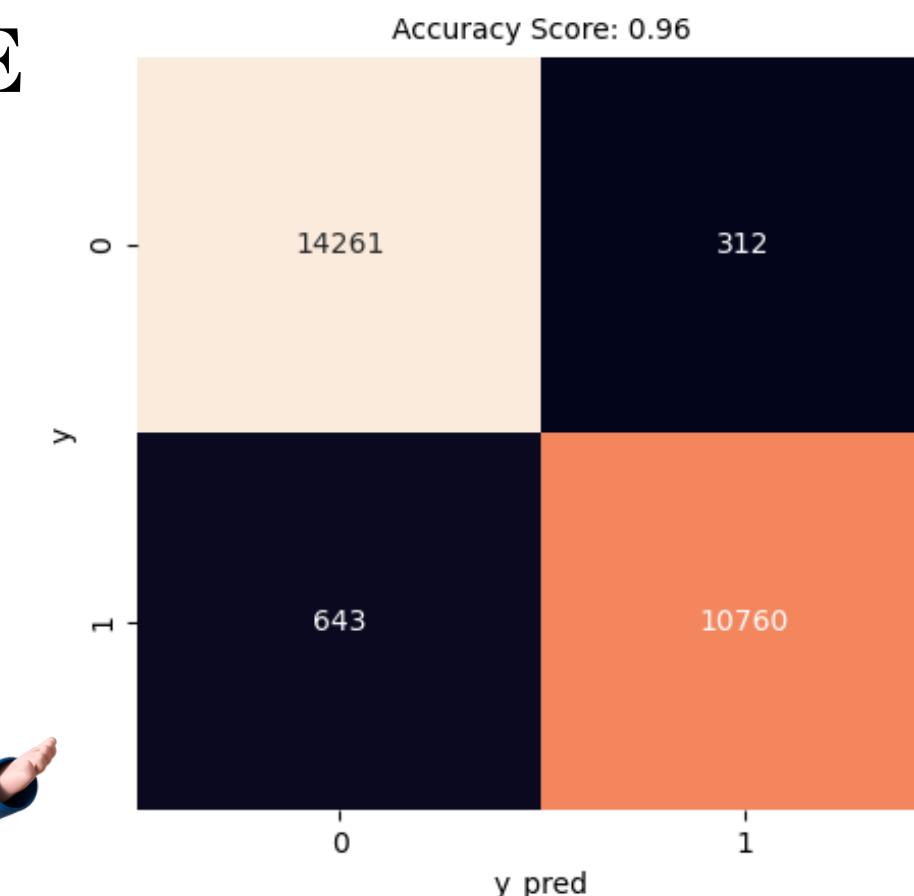
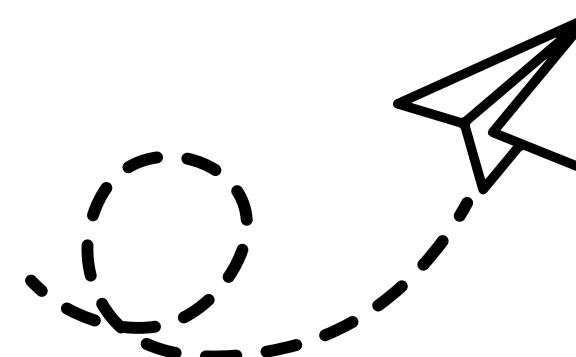
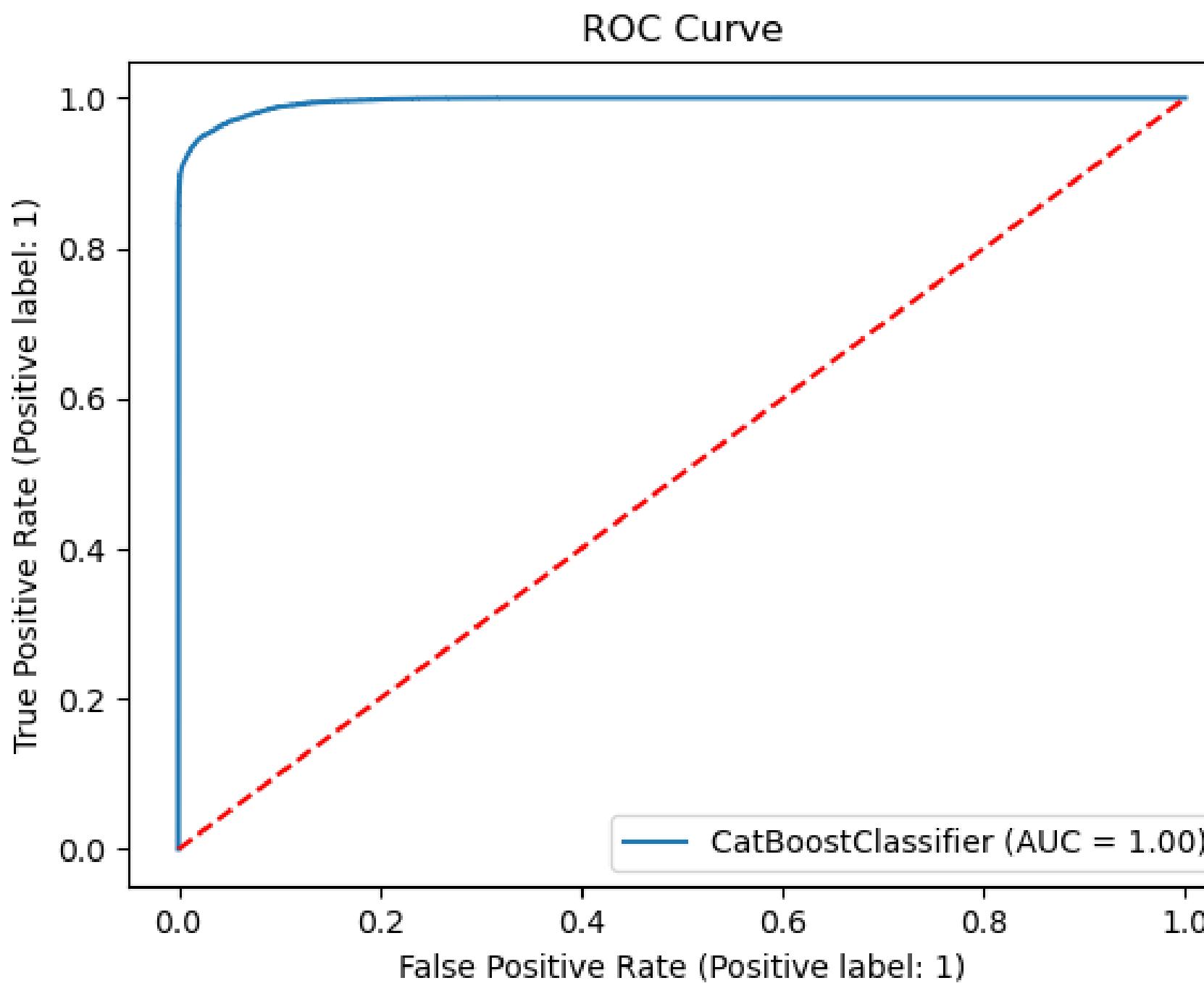
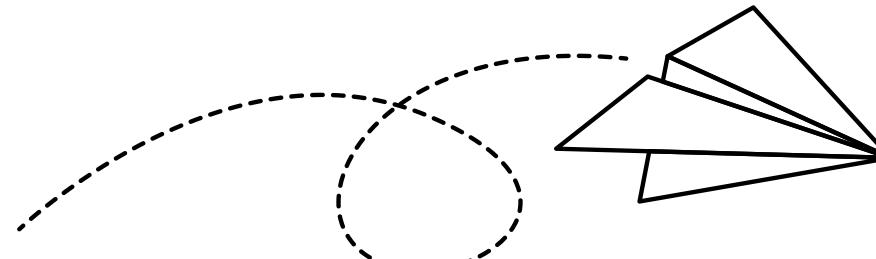
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	Roc_auc	F score	Presicion	Recall	Accuracy	Roc_auc	F score	Precision	Recall	Accuracy
LR	0.918	0.840	0.842	0.837	0.861	0.964	0.888	0.890	0.886	0.903
CART	0.940	0.933	0.929	0.936	0.941	0.941	0.934	0.932	0.936	0.942
ADABOOST	0.977	0.914	0.921	0.907	0.926	0.978	0.915	0.927	0.903	0.927
GBM	0.987	0.931	0.943	0.919	0.941	0.989	0.935	0.950	0.922	0.945
XGBOOST	0.994	0.954	0.967	0.941	0.961	0.994	0.955	0.969	0.941	0.961
CATBOOST	0.994	0.956	0.970	0.942	0.962	0.995	0.957	0.972	0.942	0.963
LIGHTGBM	0.994	0.956	0.973	0.939	0.962	0.994	0.957	0.974	0.940	0.963



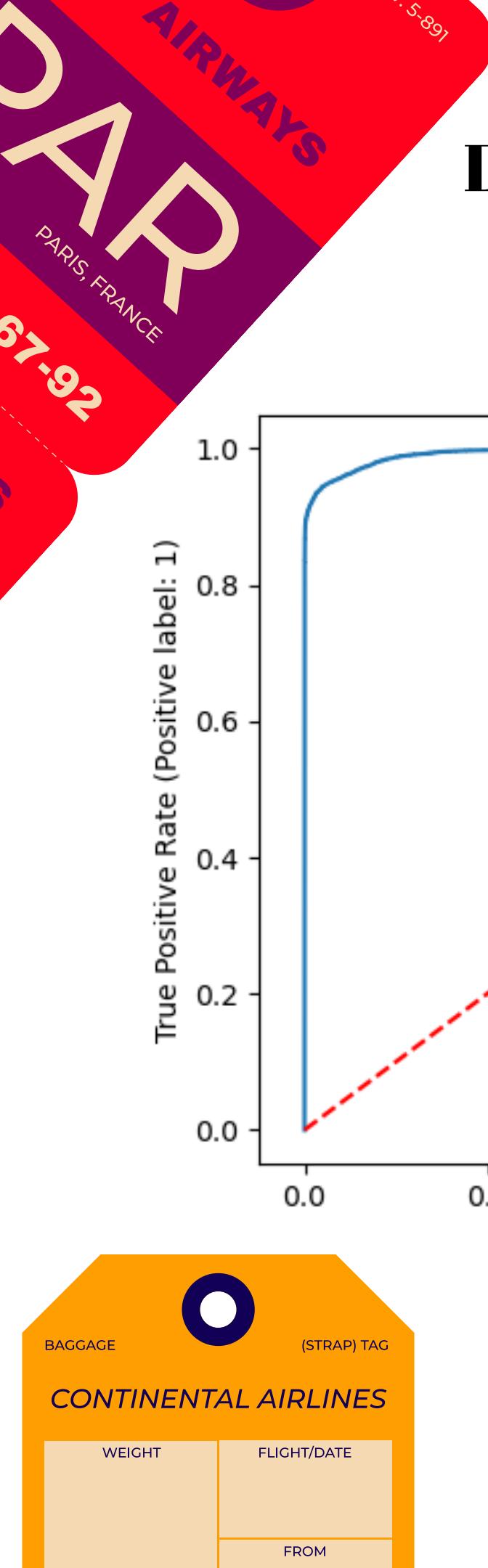
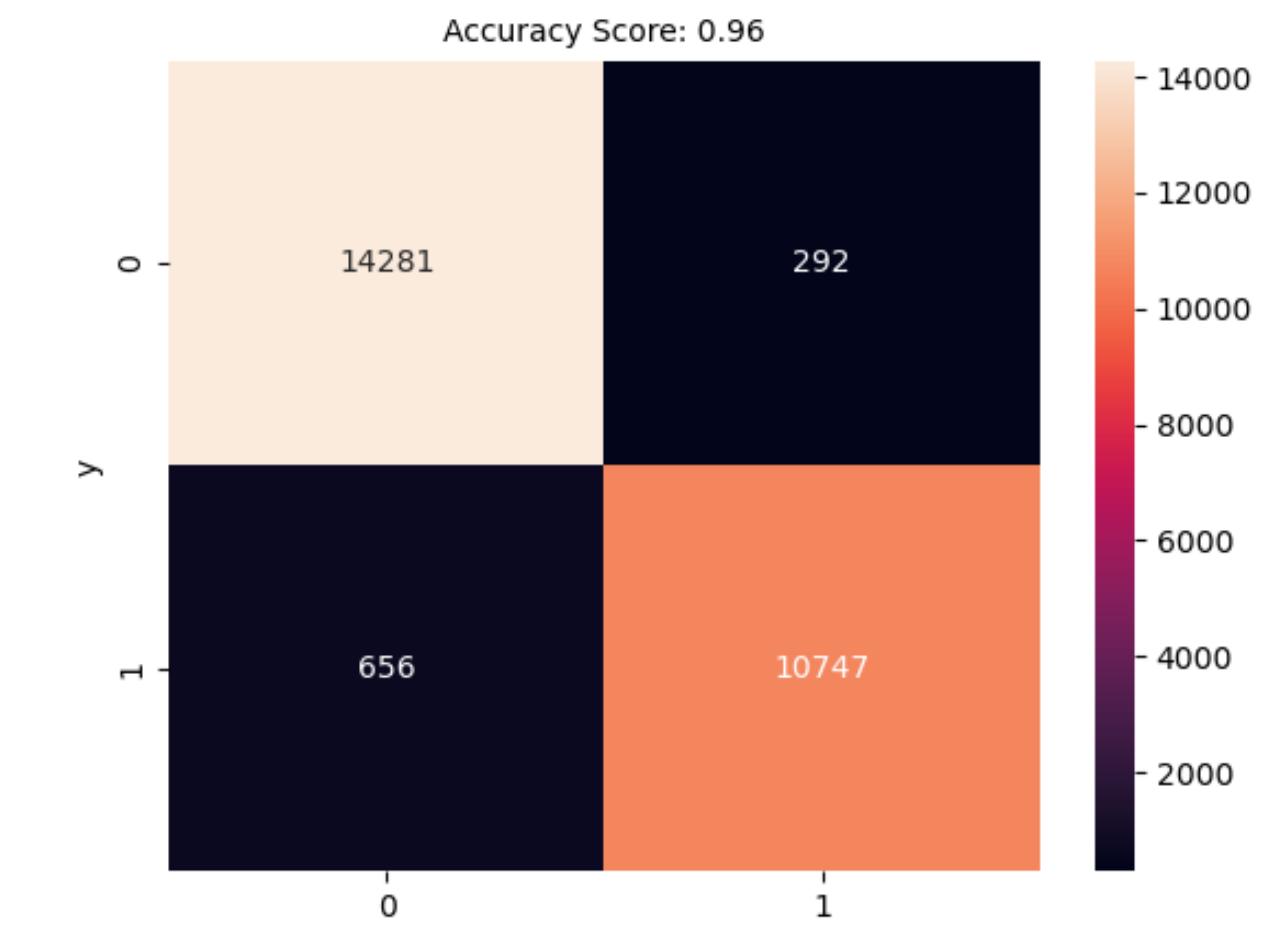
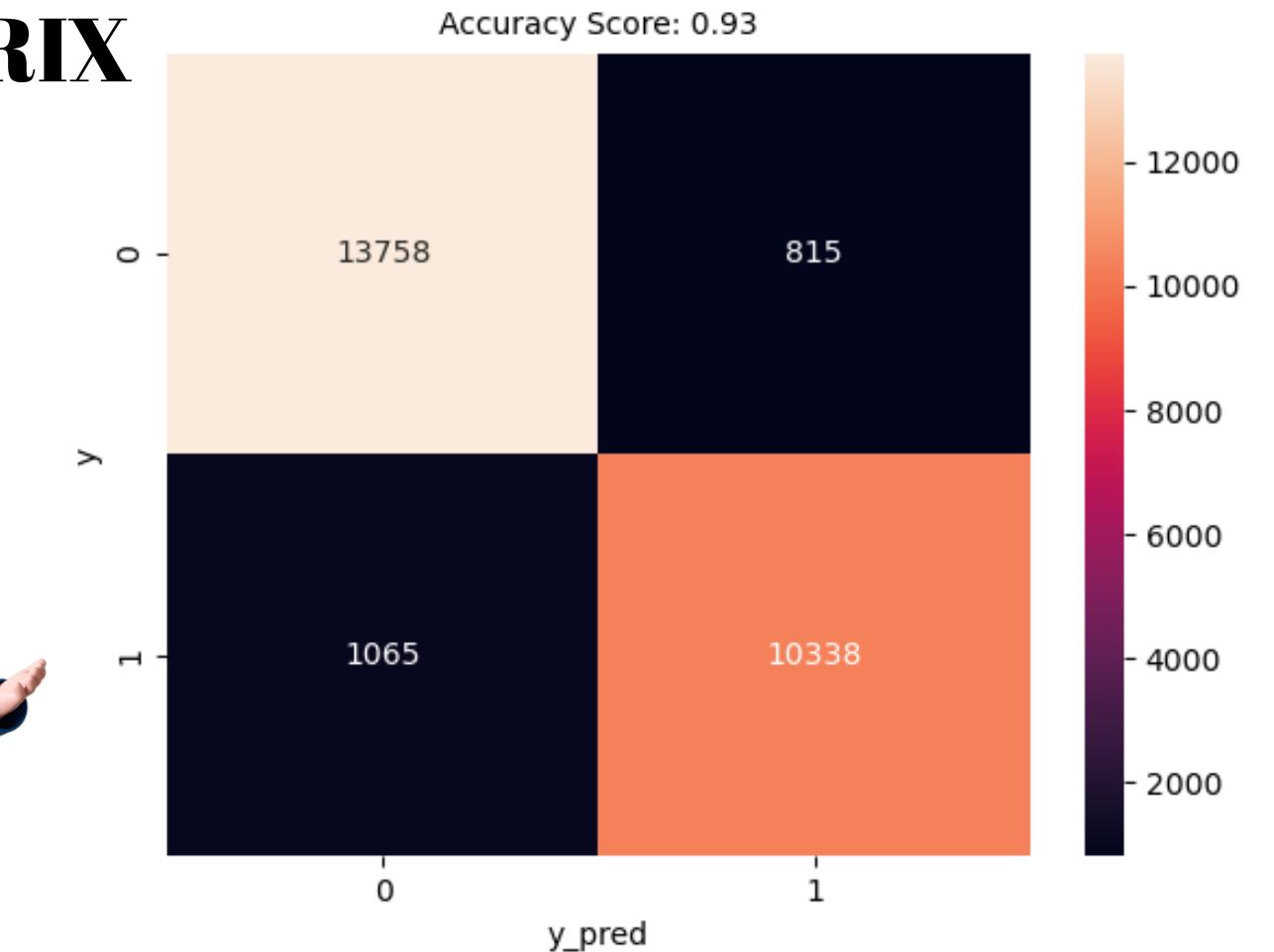
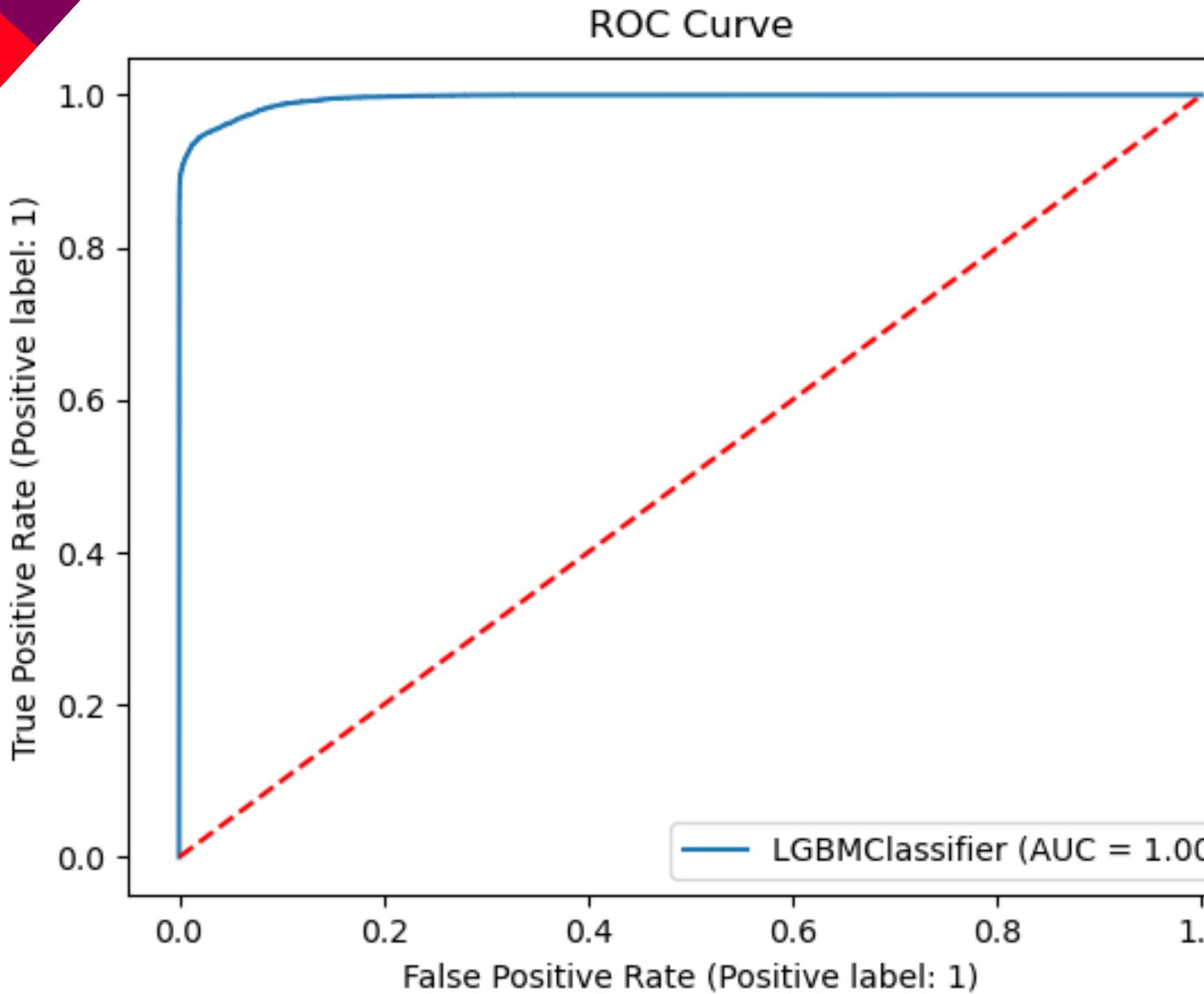
ADABOOST TRAIN TEST CONFUSION MATRIX AND ROC CURVE



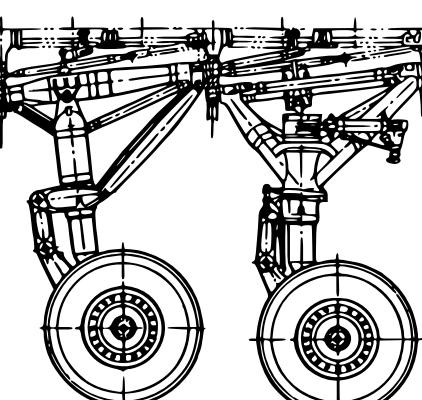
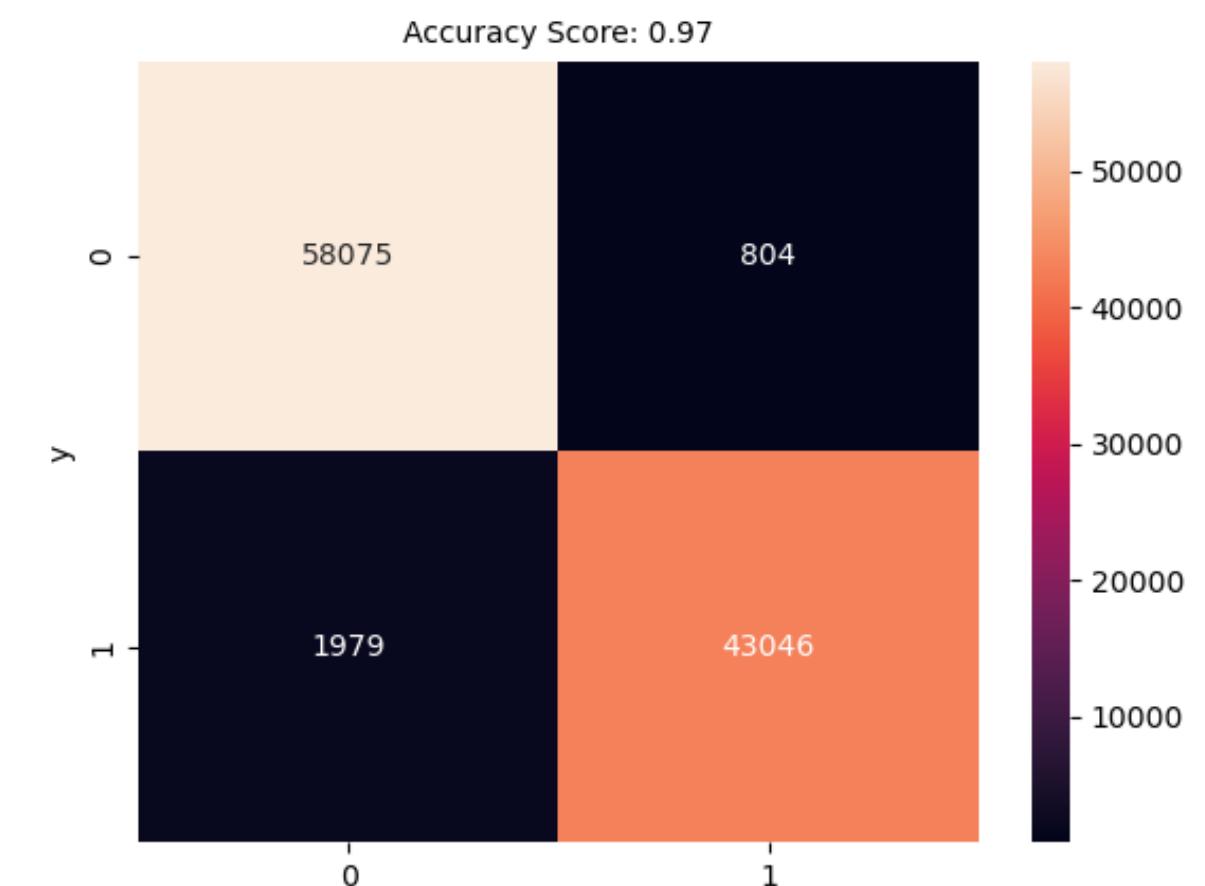
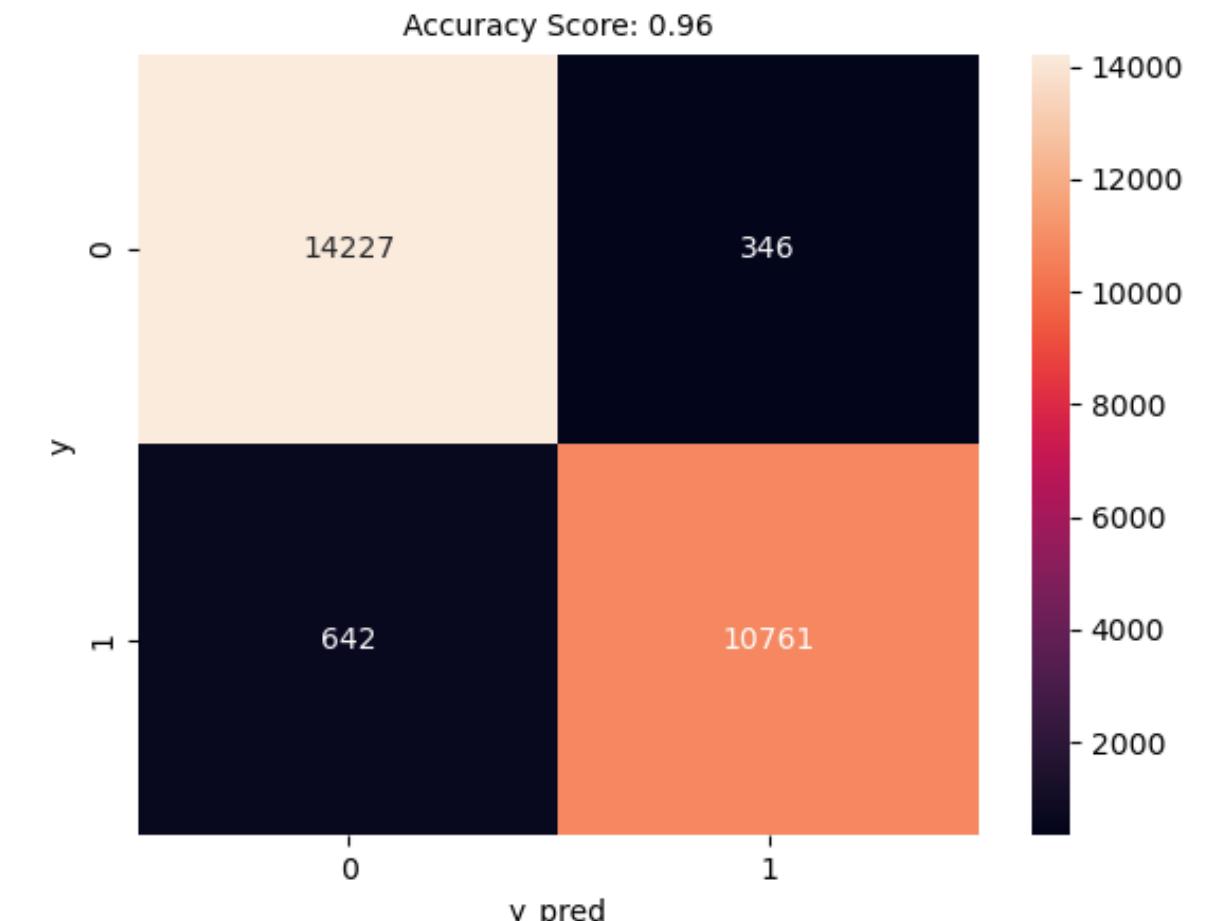
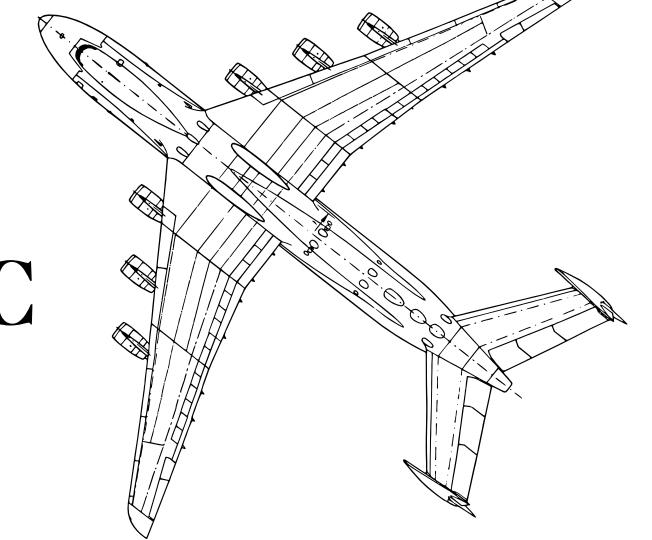
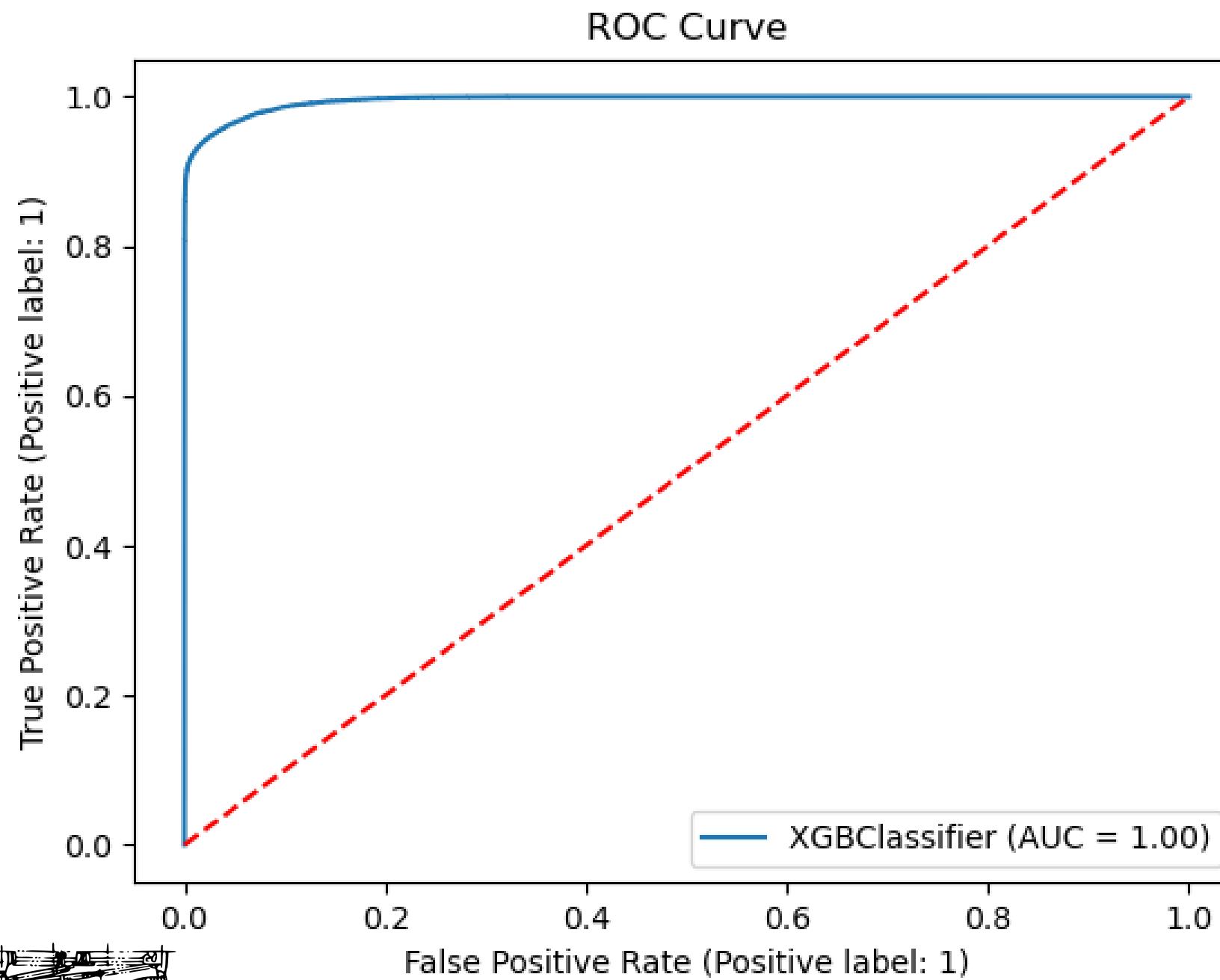
CATBOOST TRAIN TEST CONFUSION MATRIX AND ROC CURVE



LGBM TRAIN TEST CONFUSION MATRIX AND ROC CURVE

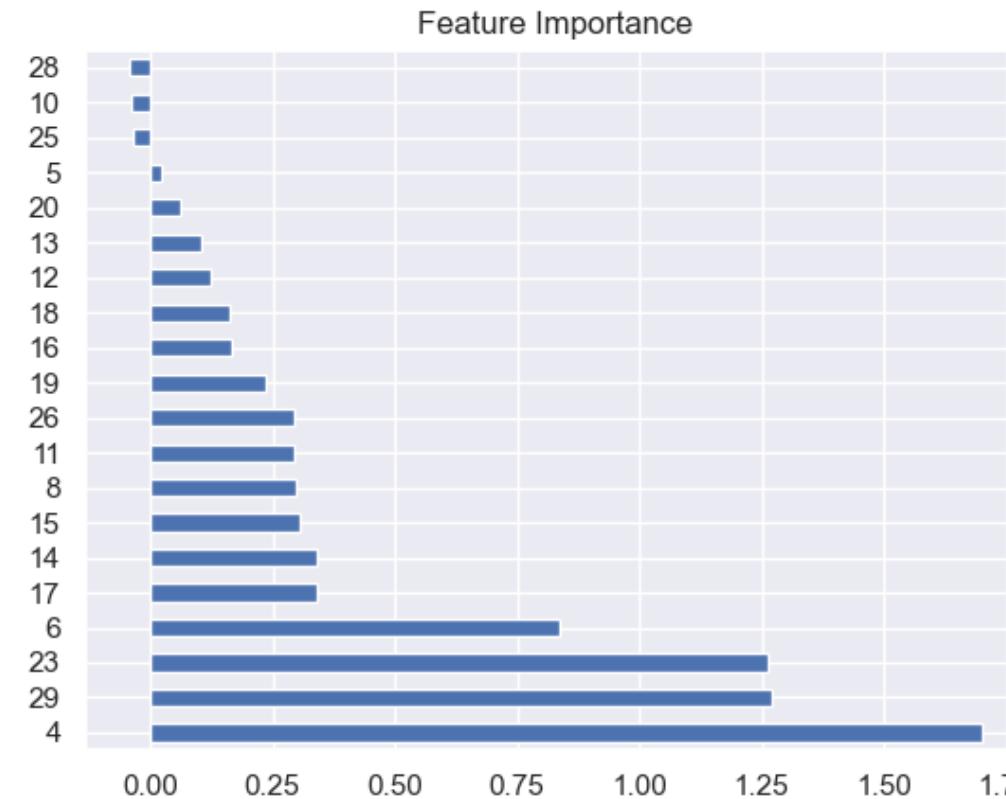
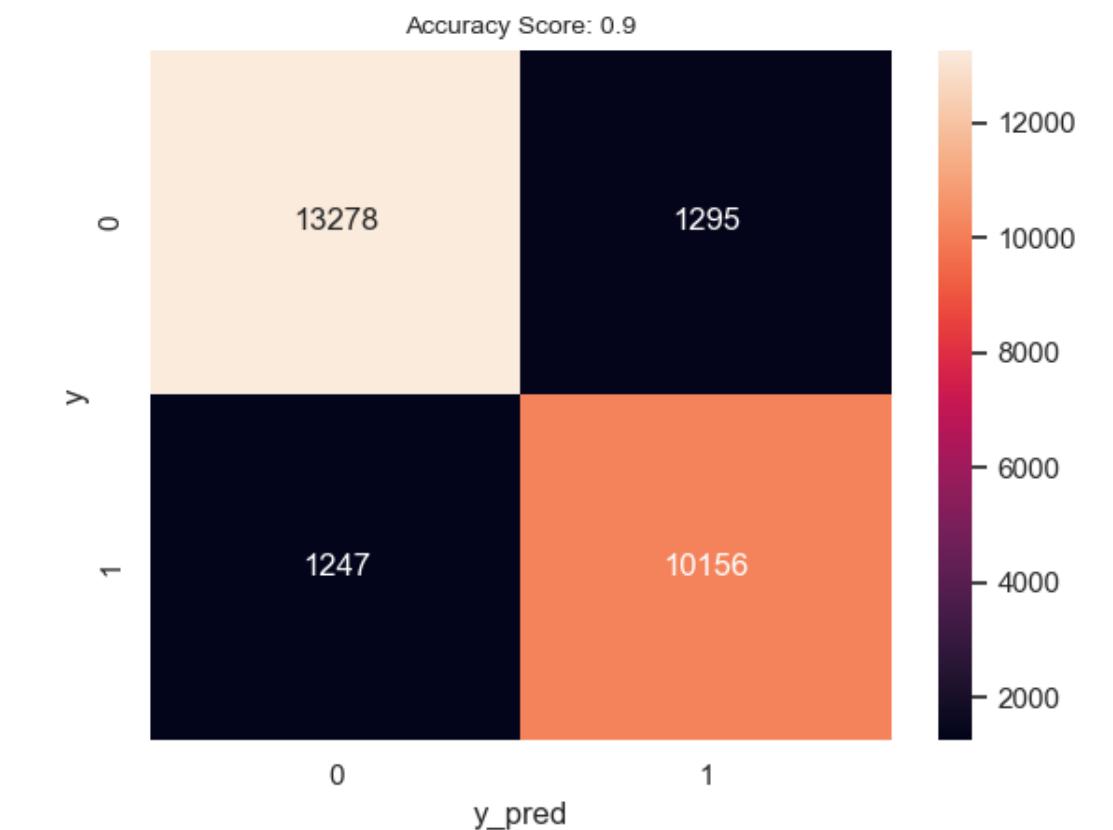
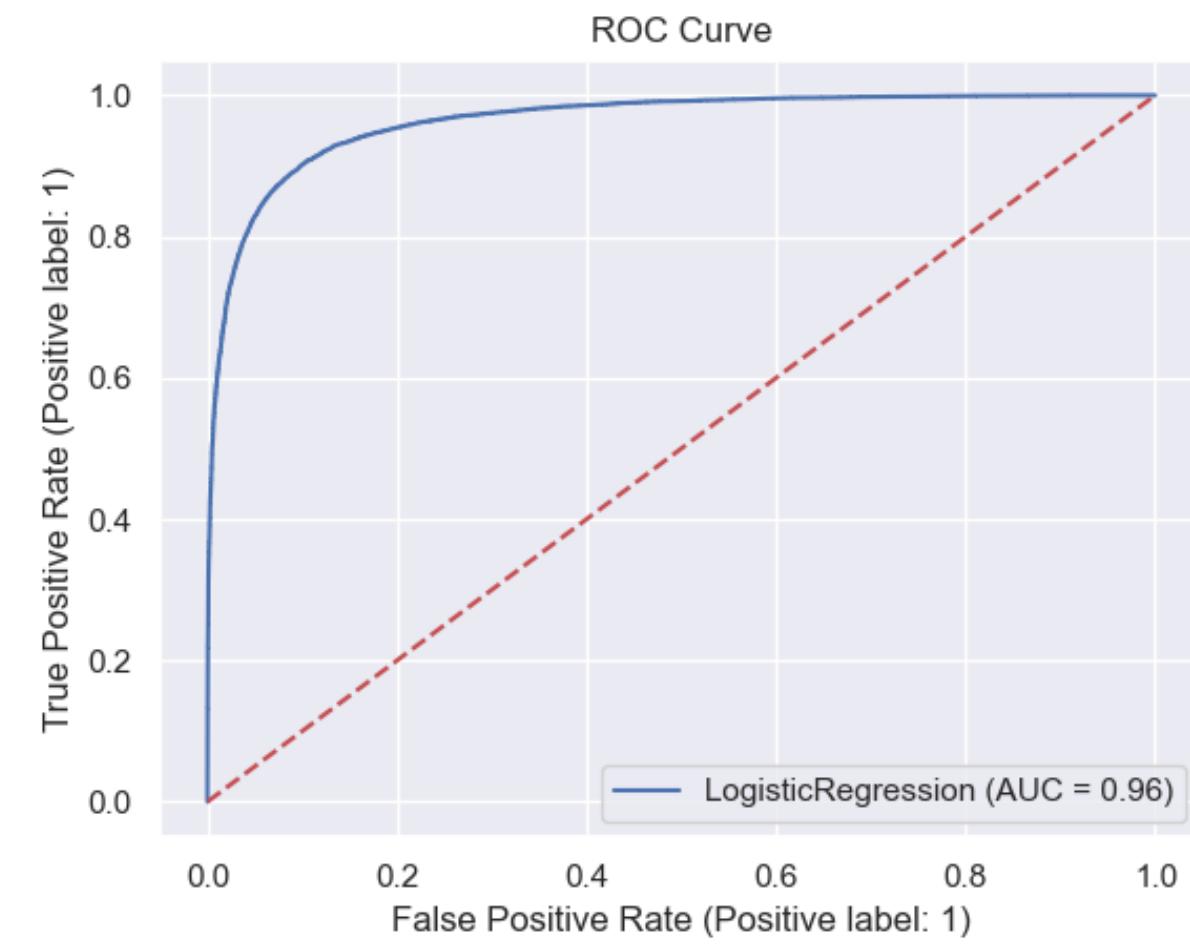


XGBOOST TRAIN TEST CONFUSION MATRIX AND ROC CURVE

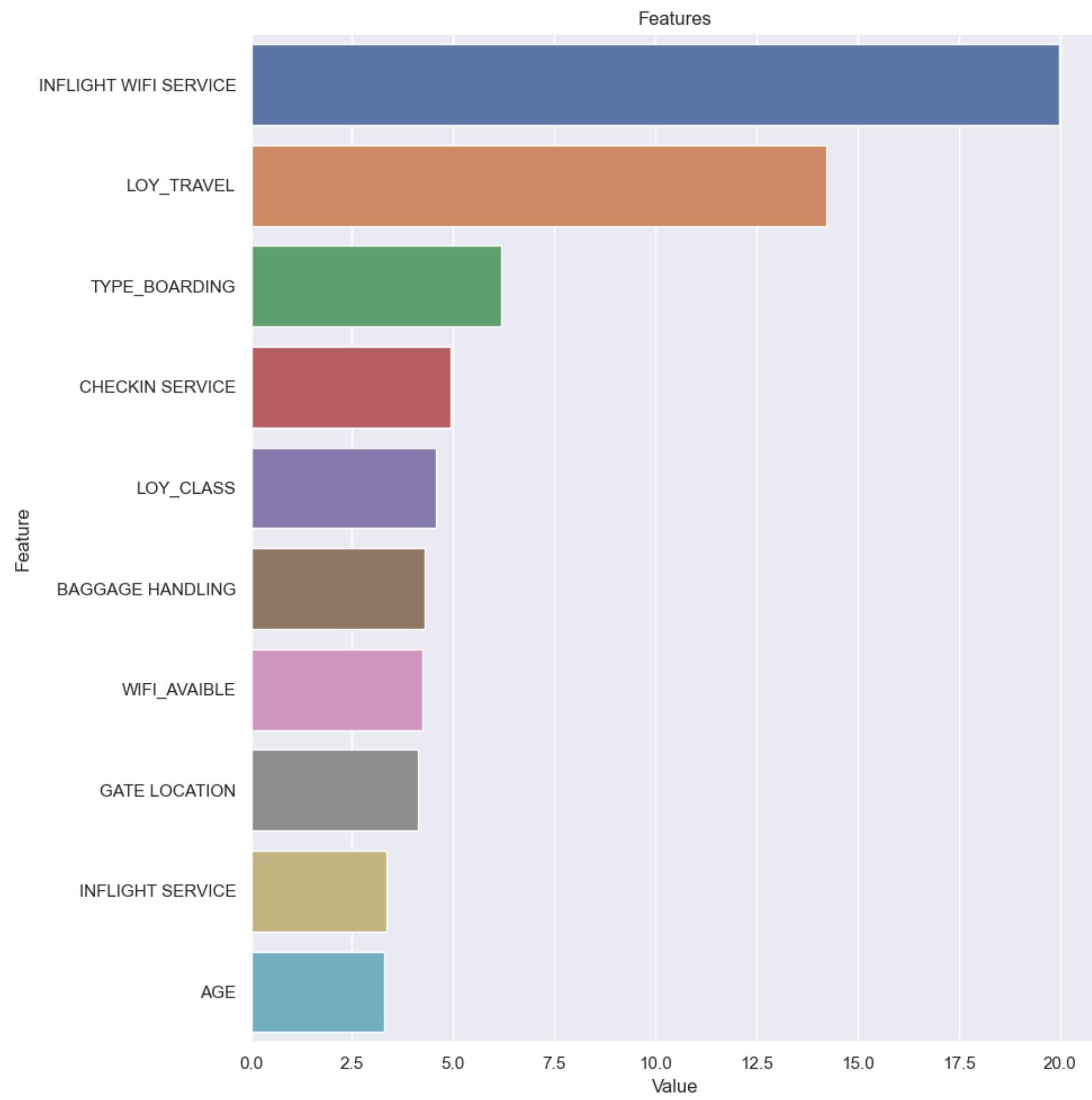


-67

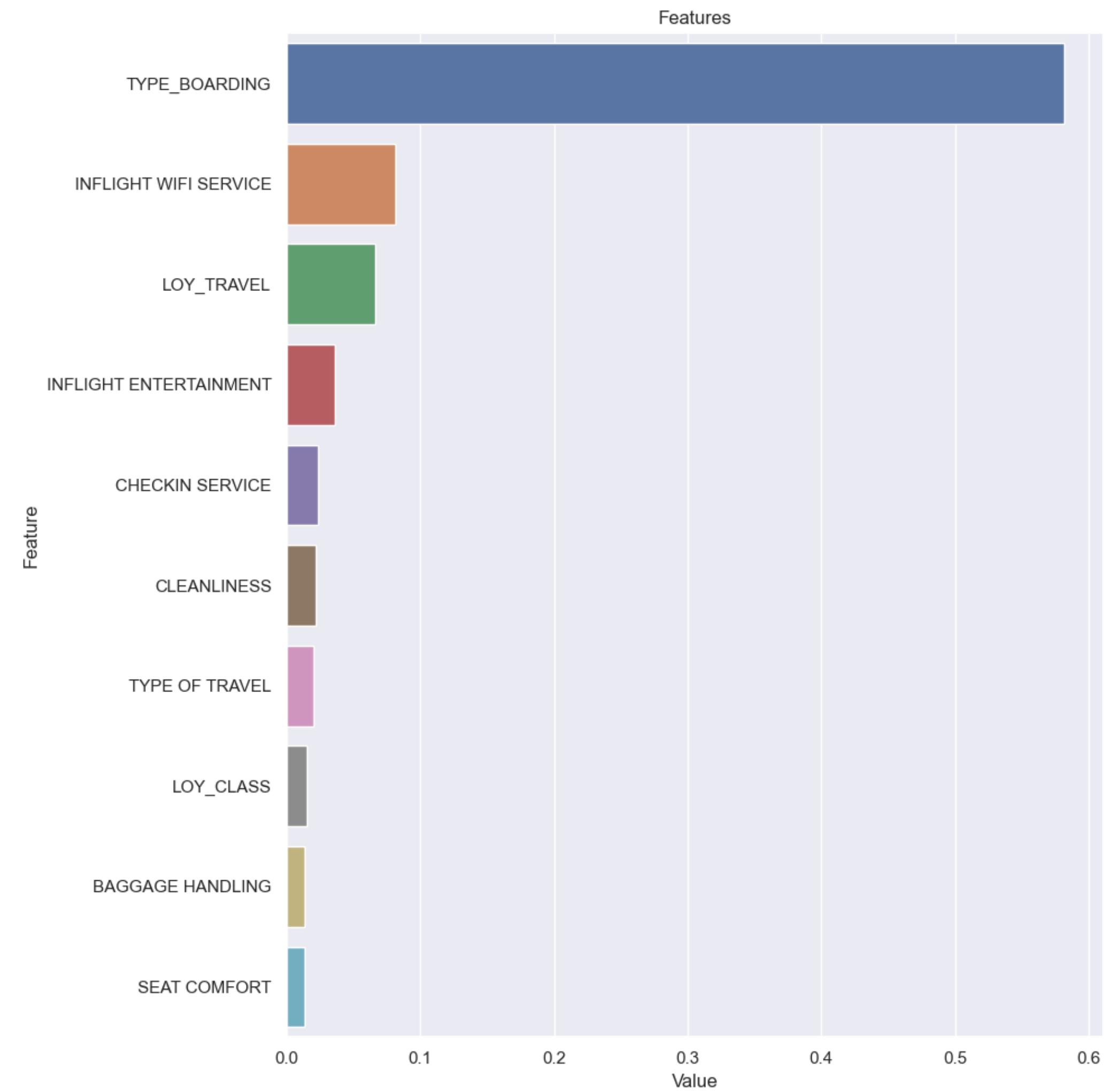
LOG-REG TRAIN TEST CONFUSION MATRIX AND ROC CURVE



TOP 10 FEATURES CATBOOST

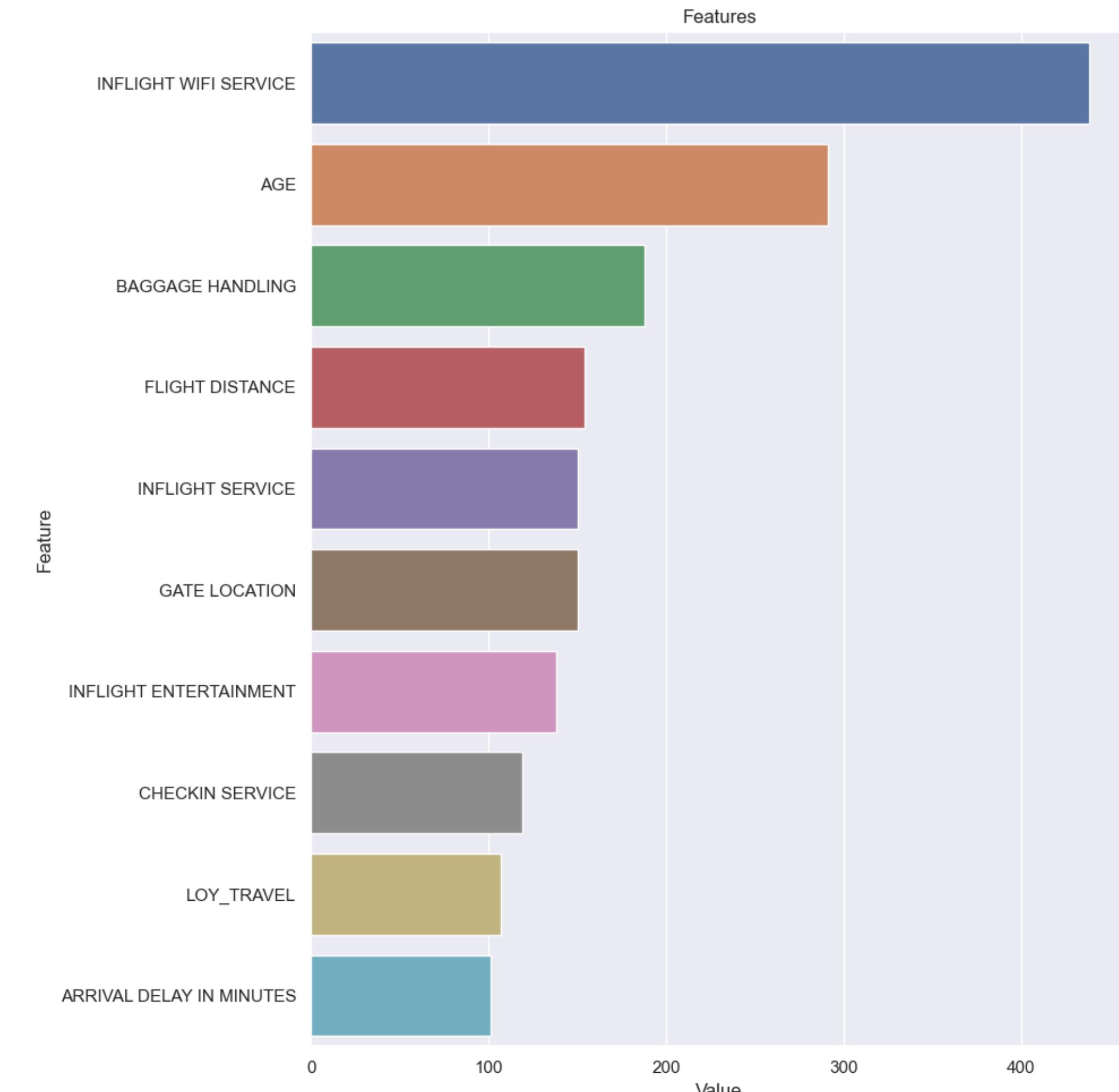


TOP 10 FEATURES XGBOOST



HANOI, VIETNAM

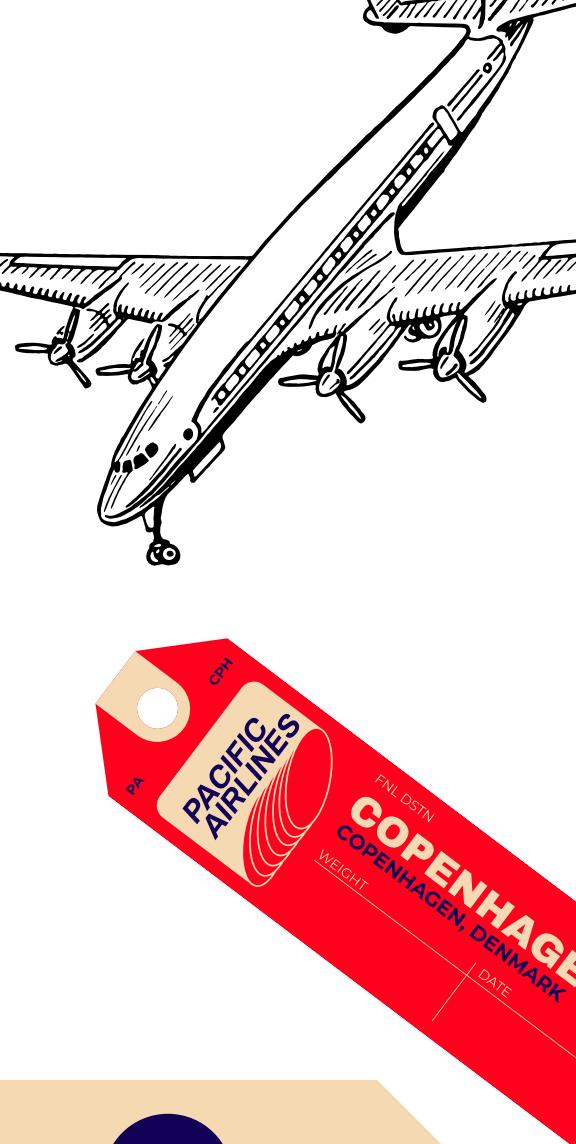
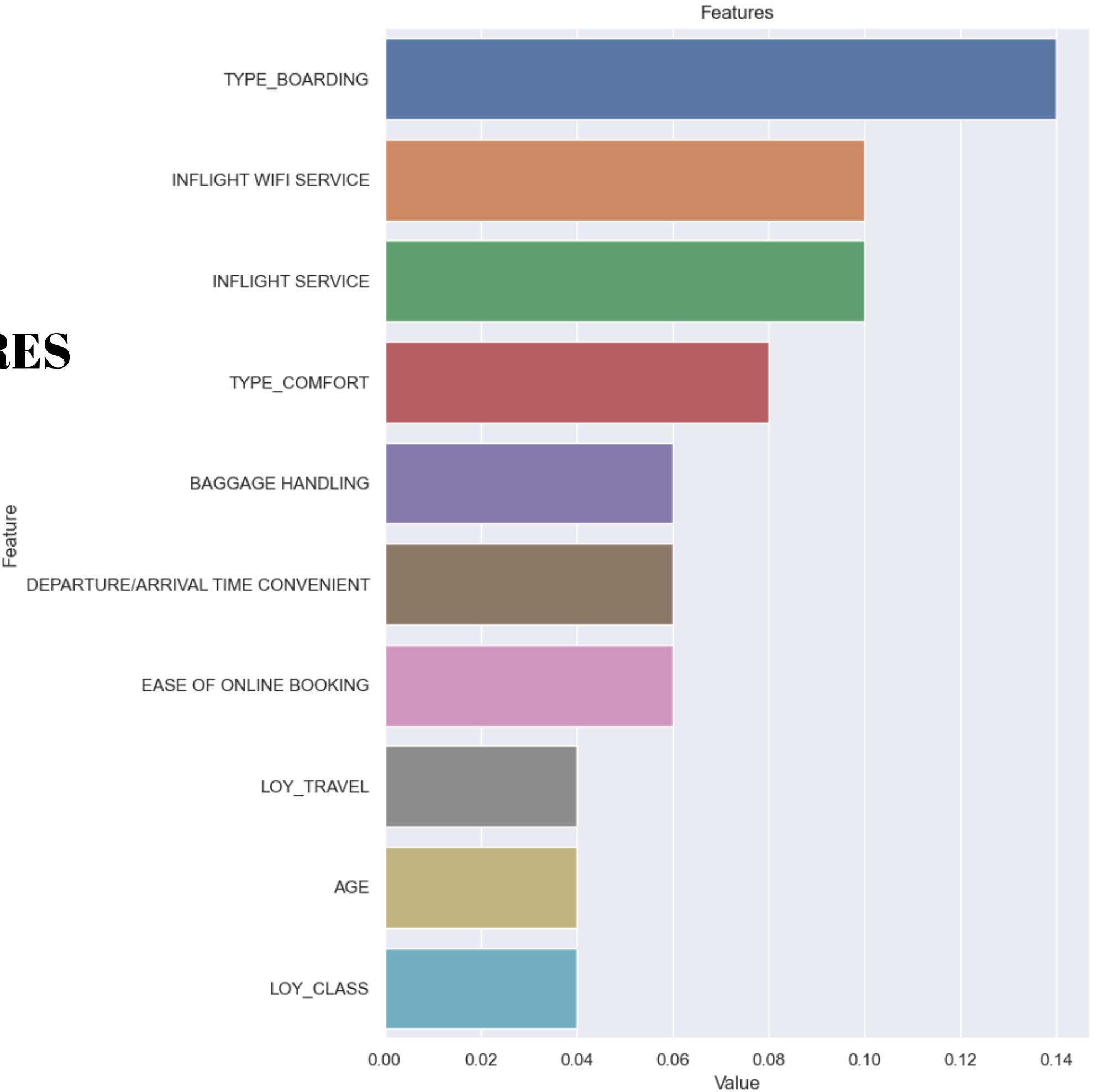
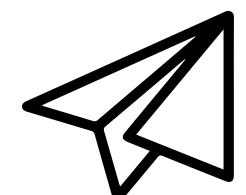
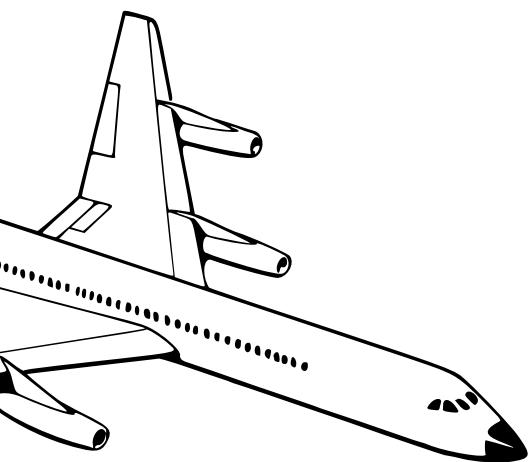
TOP 10 FEATURES LGBM



BEST FLIGHT BOOKING WEBSITE IN HANOI, VIETNAM

AMMA TO BAGGAGE HANDLING AND FLIGHT NO. FROM TO AMMA

TOP 10 FEATURES ADABOOST



FREE RESOURCE PAGE



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**THANK YOU
FOR LISTENING!**

