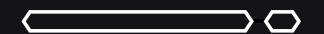
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A01:21	Broken Access Control
A02:21	Cryptographic Failures
A03:21	Injection
A04:21	Insecure Design
A05:21	Security Misconfiguration
A06:21	Vulnerable and Outdated Components
A07:21	Identification and Authentication Failures
A08:21	Software and Data Integrity Failures
A09:21	Security Logging and Monitoring Failures
A10:21	Server-Side Request Forgery





WHAT IS AN SQL INJECTION ?











HACKER

















HACKER

WEBSITE

















WEBSITE

ACCOU



NORMAL ACCOUNT

DATABASE























DATABASE







S.Q.I.D GOAL













• • •

ASK S.Q.I.D



ACCOUNT







WEBSITE















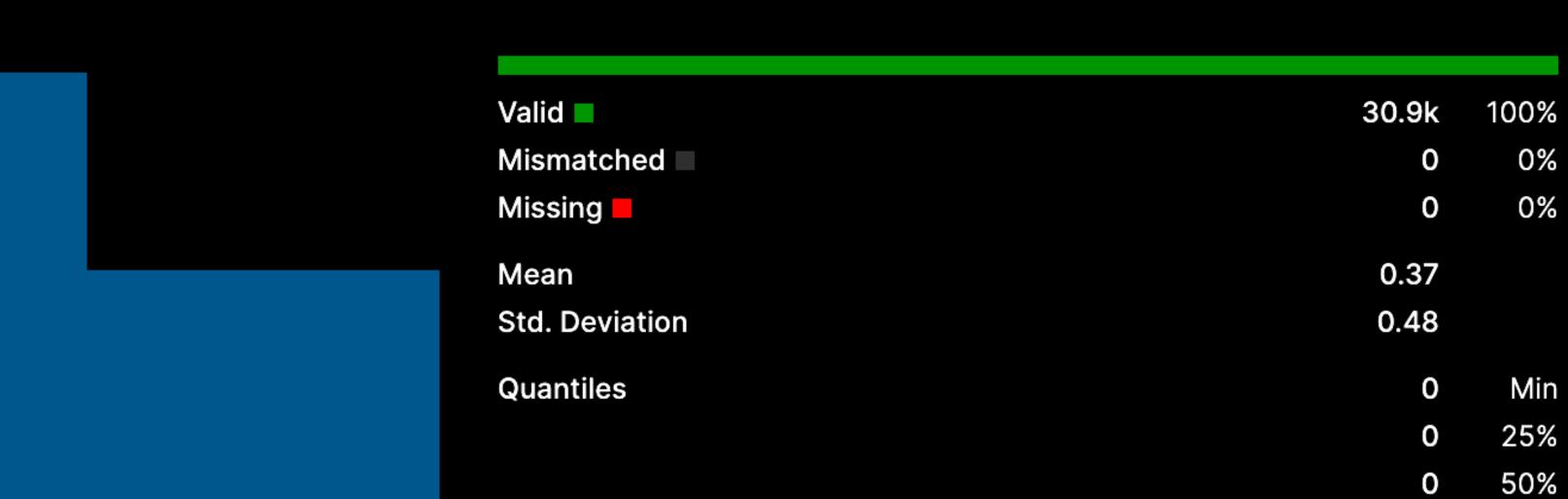
DATASET EXAMINATION





30905 unique values





30.9k

30.9k

#NAME?

0

0

100%

0%

0%

0%

75%

Max

Valid <

Missing -

Unique

Mismatched

Most Common

0

DATA CLEANING

01 DATA CLEANING

deletion of all unnecessary lines



02 CASE CLEANING

0

turn everything in lower case

03 SPACE CLEANING

removal of outer spaces

04 SELECT CLEANING

deletion of the first select instruction





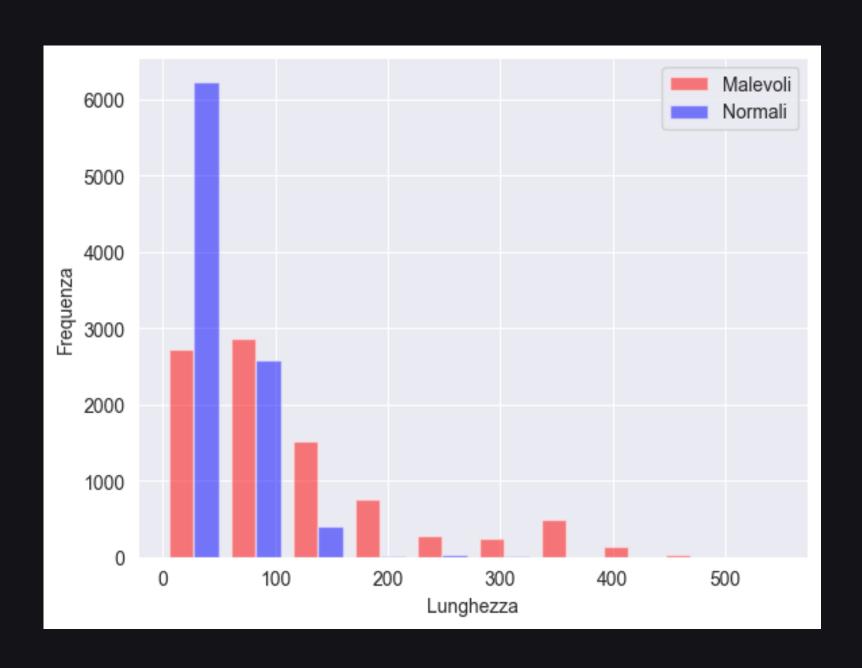
FEATURE ENGINEERING







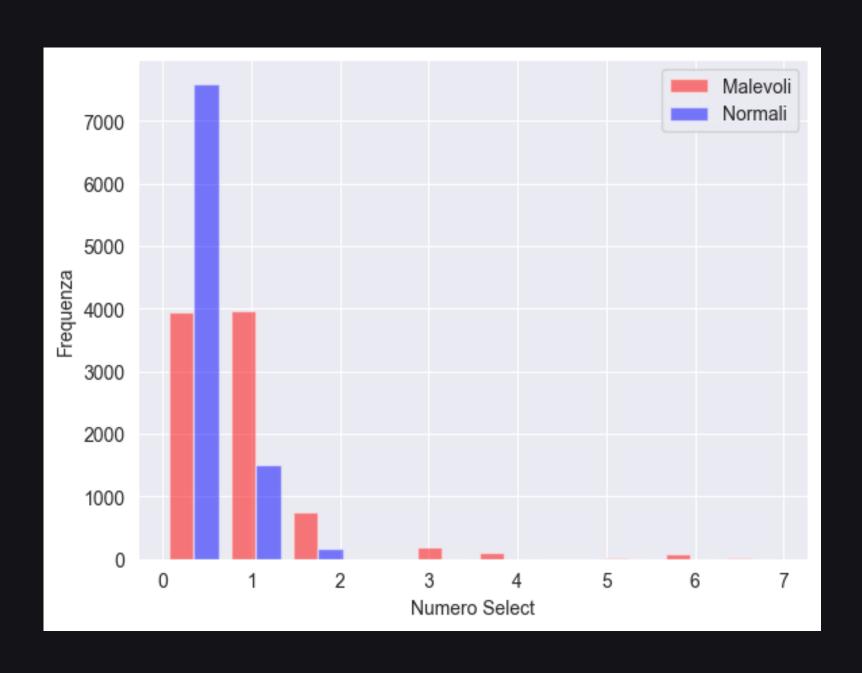














⁰¹ NAIVE BAYES



⁰² SVM



03 DECISION TREE



04 RANDOM FOREST



⁰⁵ NEAREST NEIGHBOURS



Multinomial Naive Bayes	
1734	5
79	1847

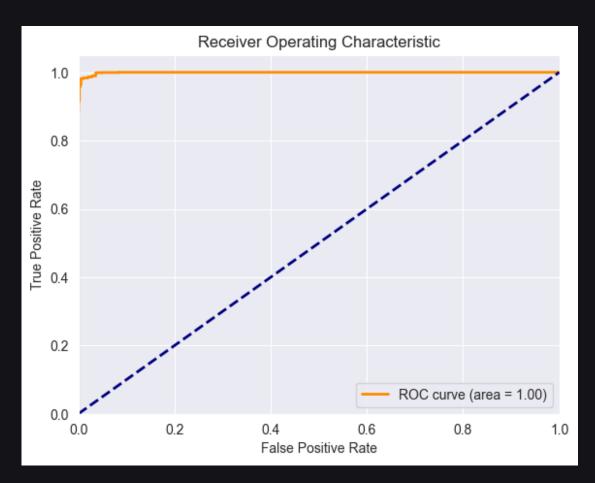
Linear Support Vector Machines	
1812	27
1	1825

K Nerest Classifier	
1807	212
6	1640

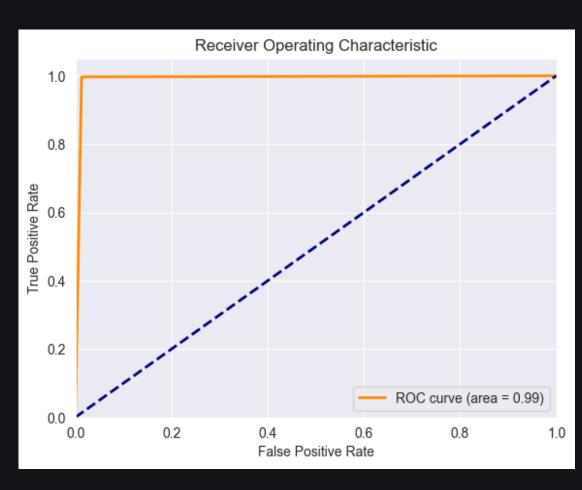
Decision Tree Classifier	
1807	22
6	1830

Random Forest Classifier	
1812	29
1	1823

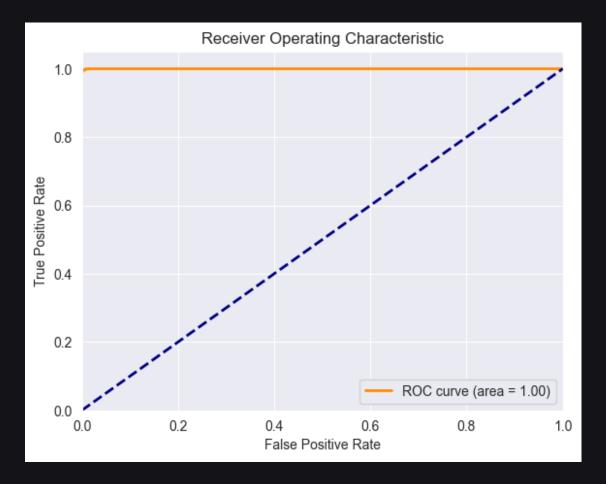
MULTINOMIAL



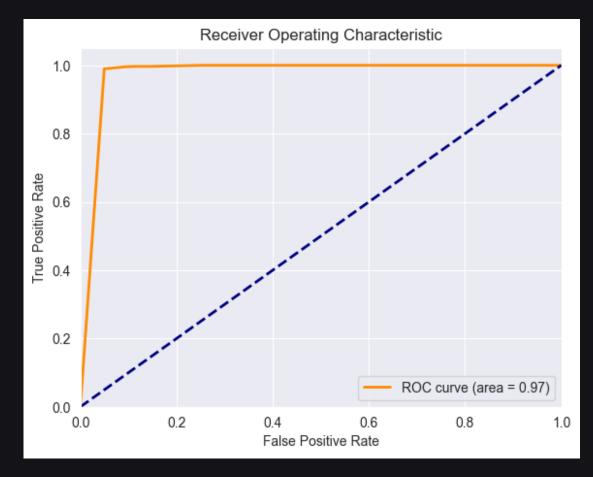
DECISION TREE



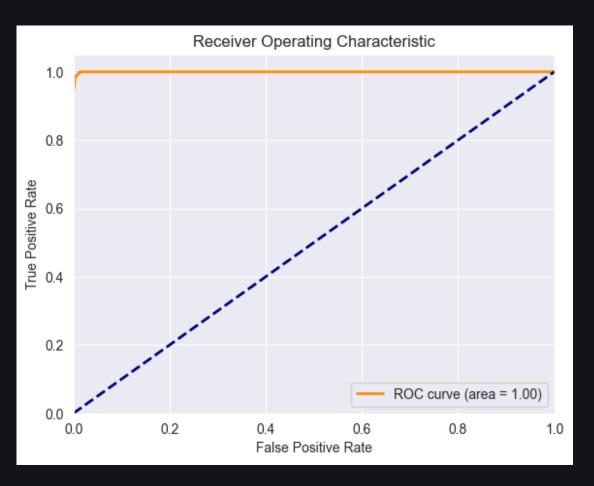
LINEAR SVM



K NEAREST



RANDOM FOREST



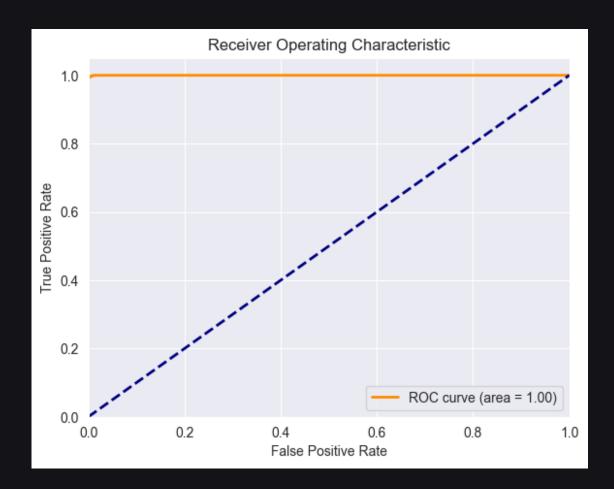
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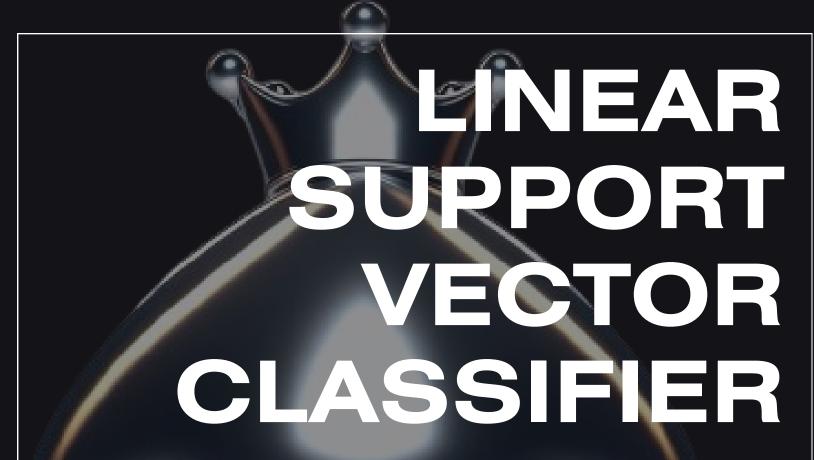
THE BESTRESULT

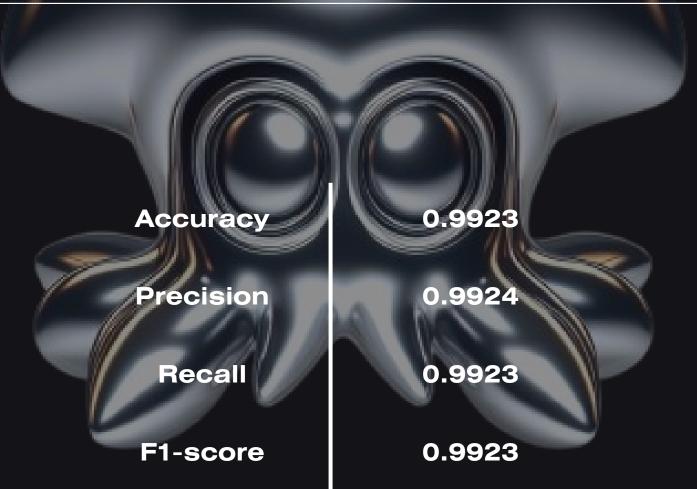


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Linear Support Vector Machines	
1812	1
27	1825

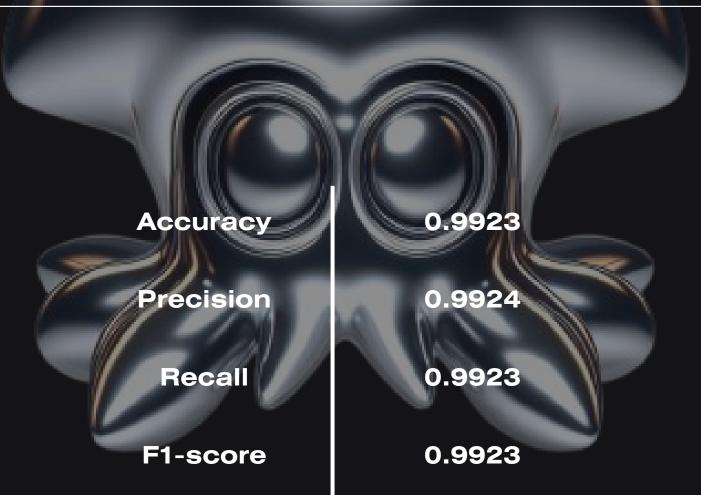




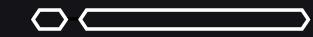


Linear Support Vector Machines	
1812	1
27	1825





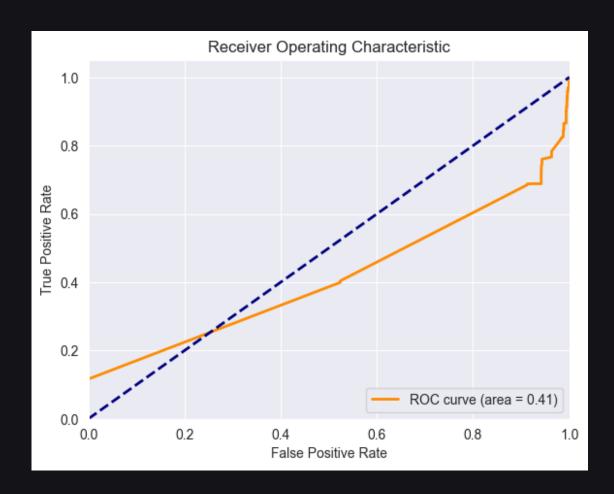
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Linear Support Vector Machines	
135	1678
0	1852

