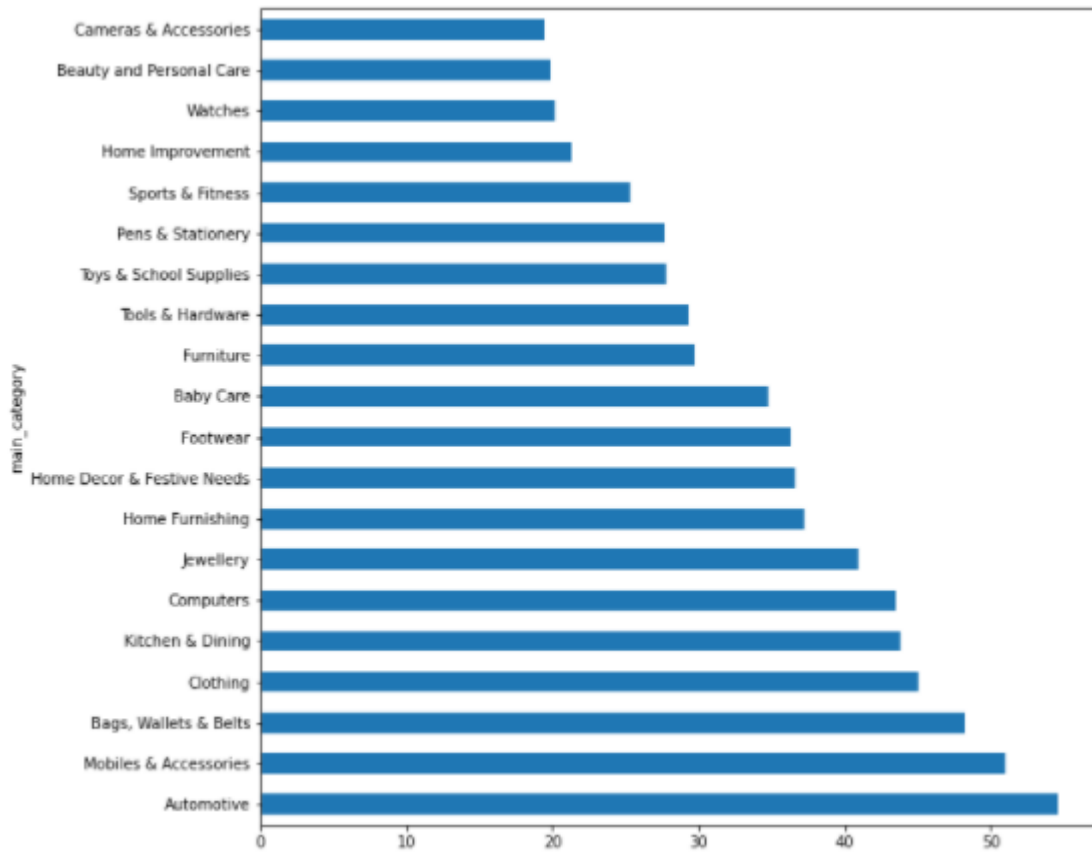


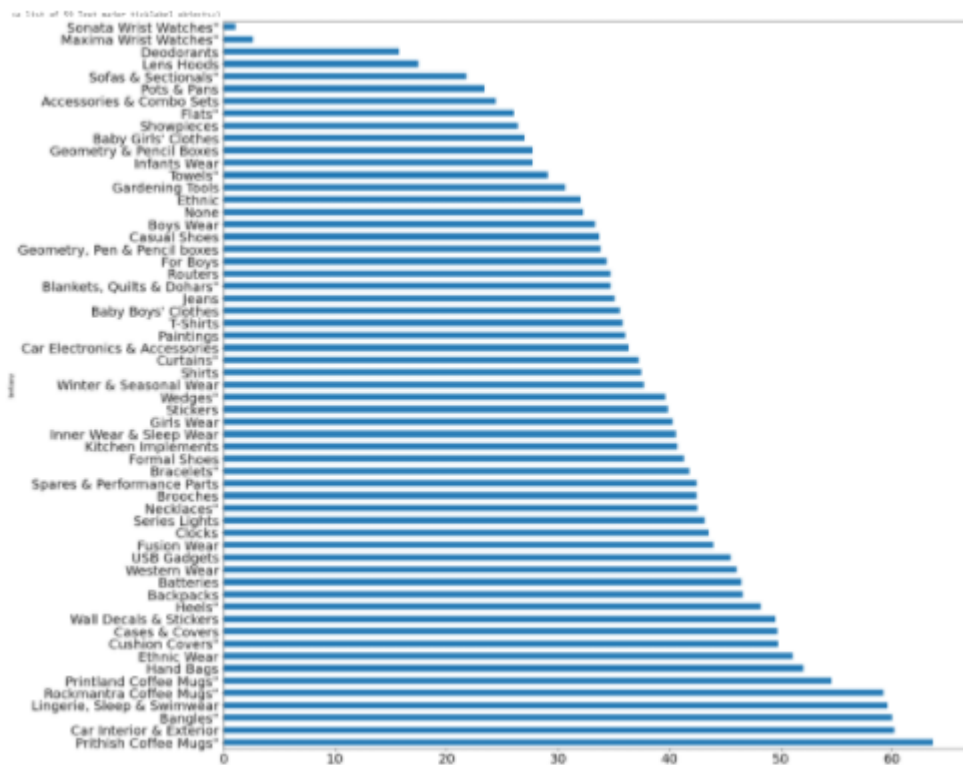
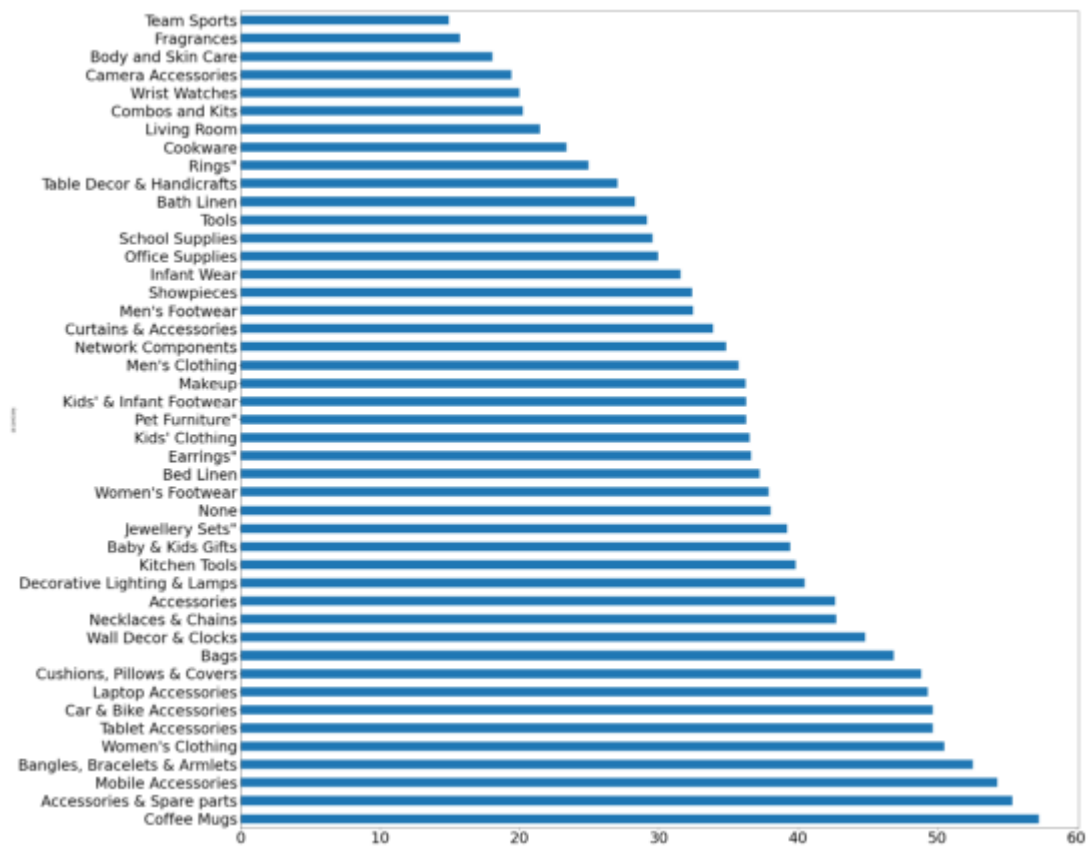
main_category	discounted_percentage	main_category
	mean	count
883 Police Full Sleeve Solid Men's Jacket"	15.0	1
ABEEZ Boys, Men, Girls (Black, Pack of 1)"	27.6	1
ANAND ARCHIES Girls Flats"	10.0	2
ANAND ARCHIES Girls Wedges"	0.0	1
ANASAZI Casual 3/4 Sleeve Solid Women's Top"	0.0	1
---	--	--
run of luck Solid Women's Round Neck Dark Blue T..."	0.0	1
soie Fashion Women's Full Coverage Bra"	10.0	1
soie Fashion Women's Sports Bra"	10.0	1
tadd Men's, Women's Ankle Length Socks"	60.1	1
xy decor Cotton Sofa Cover (white Pack of 6)"	64.7	1

	discounted_percentage_mean	main_category_count
main_category		
883 Police Full Sleeve Solid Men's Jacket"	15.0	1
ABEEZ Boys, Men, Girls (Black, Pack of 1)"	27.6	1
ANAND ARCHIES Girls Flats"	10.0	2
ANAND ARCHIES Girls Wedges"	0.0	1
ANASAZI Casual 3/4 Sleeve Solid Women's Top"	0.0	1
---	---	---
run of luck Solid Women's Round Neck Dark Blue T..."	0.0	1
soie Fashion Women's Full Coverage Bra"	10.0	1
soie Fashion Women's Sports Bra"	10.0	1
tadd Men's, Women's Ankle Length Socks"	60.1	1
xy decor Cotton Sofa Cover (white Pack of 6)"	64.7	1

	discounted_percentage_mean	main_category_count
main_category		
Clothing	45.071301	6198
Jewellery	40.891198	3531
Footwear	36.267184	1227
Mobiles & Accessories	51.001185	1099
Automotive	54.649901	1012
Home Decor & Festive Needs	36.647573	929
Beauty and Personal Care	19.831735	710
Home Furnishing	37.218143	700
Kitchen & Dining	43.769612	647
Computers	43.464223	578
Watches	20.169318	530
Baby Care	34.717672	483
Tools & Hardware	29.327132	391
Toys & School Supplies	27.742857	330
Pens & Stationery	27.653355	313
Bags, Wallets & Belts	48.271591	265
Furniture	29.717778	180
Sports & Fitness	25.278916	166
Cameras & Accessories	19.436111	82
Home Improvement	21.258228	81



secondary	discounted_percentage	
	mean	count
AAO+ Aviator Sunglasses"	70.100000	3
ABCD Small Bean Bag With Foam Filling (Black)"	60.900000	1
Academic Texts	8.333333	9
Accessories	42.653982	114
Accessories & Spare parts	55.370314	925
---	---	---
Zyaden Oval Sunglasses"	60.100000	2
barbarik Wayfarer, Aviator Sunglasses"	88.000000	1
fourgee Clothing	72.000000	1
piftif Clothing	53.800000	1
sovam Home Furnishing	59.400000	1



Models	Accuracy
LogisticRegression	98
SVC	97
DecisionTreeClassifier	98
RandomForestClassifier	99
AdaBoostClassifier	97
GradientBoostingClassifier	98
XGBClassifier	99
CatBoostClassifier	96
StackingClassifier	99

VotingClassifier	98
MultinomialNB	99