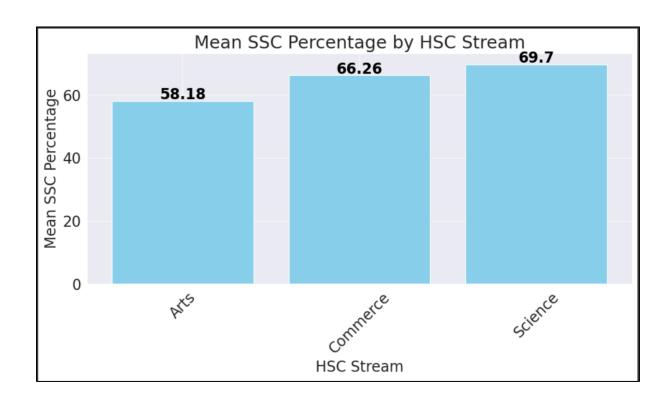
IBM HACK CHALLENGE 2023

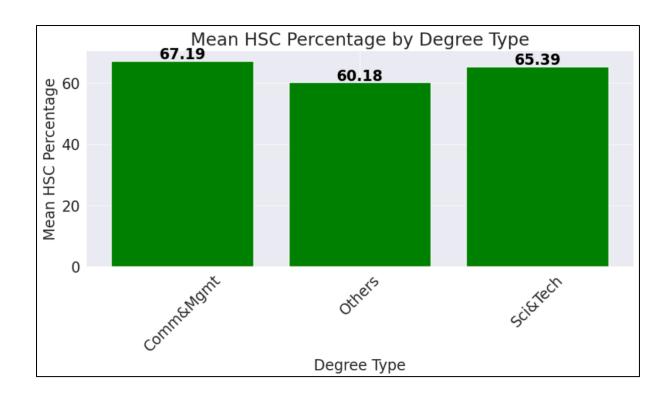
TEAM QUADRUPLE APPLIED DATA SCIENCE TRACK

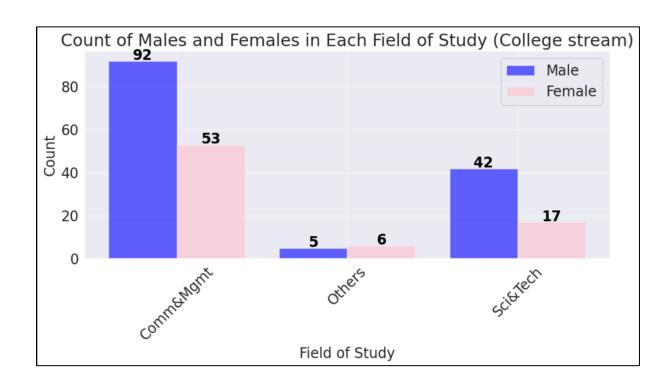
PROJECT REPORT

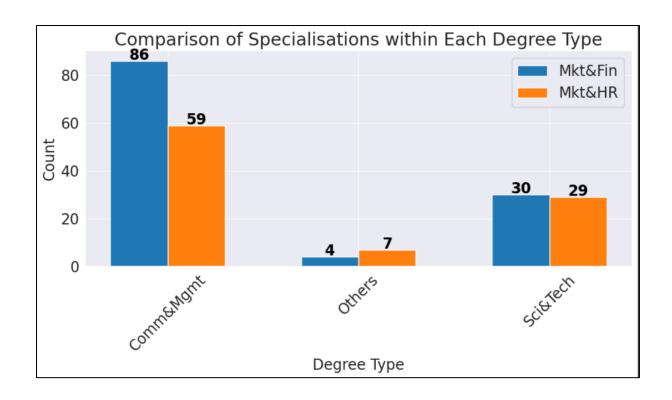
Identifying Patterns and Trends in Campus Placement Data using Machine Learning

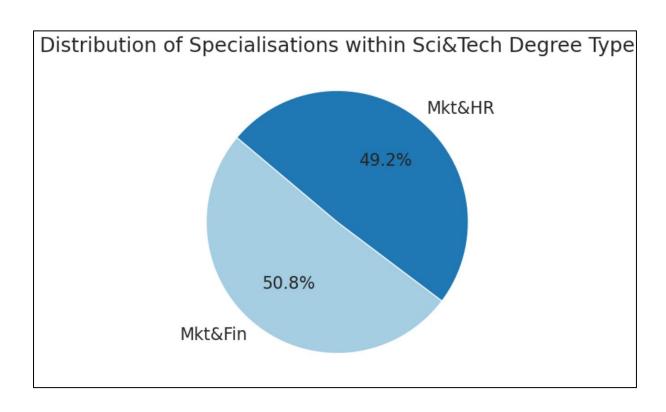
Results Obtained:

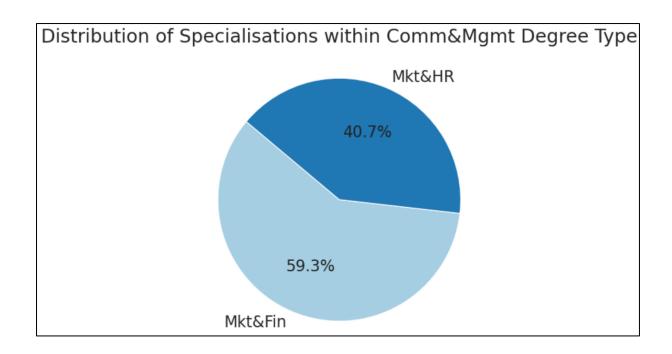


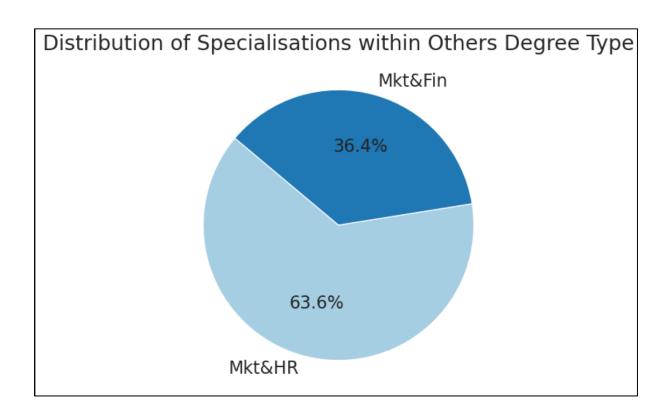


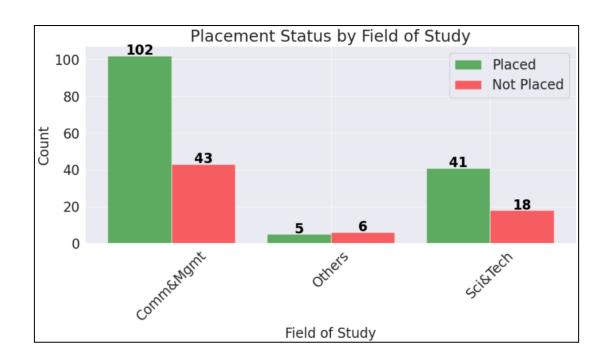


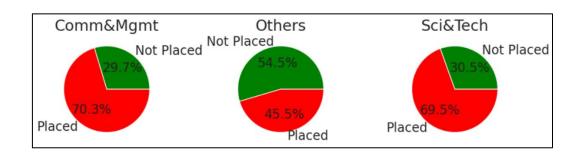


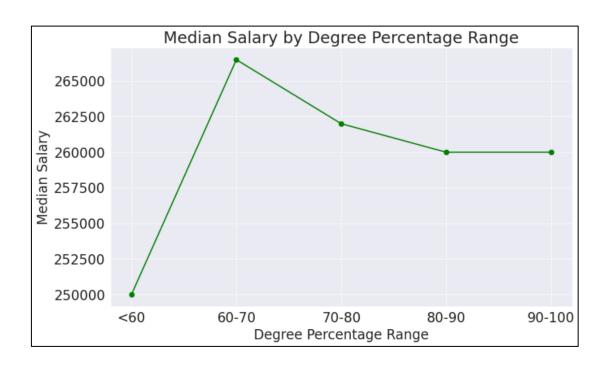


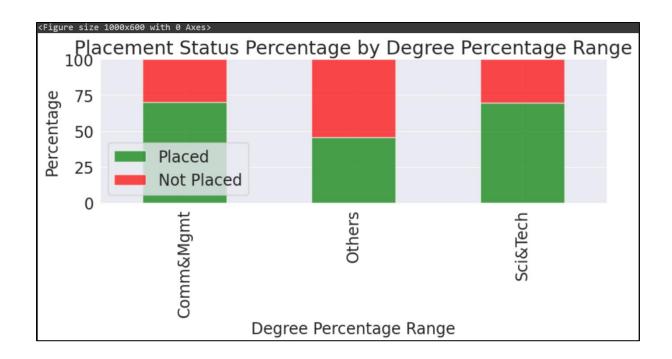


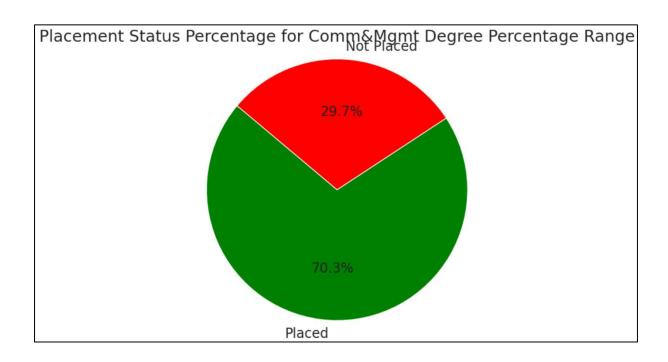


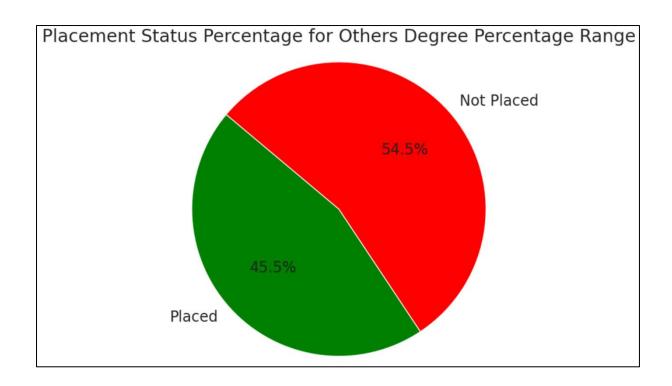


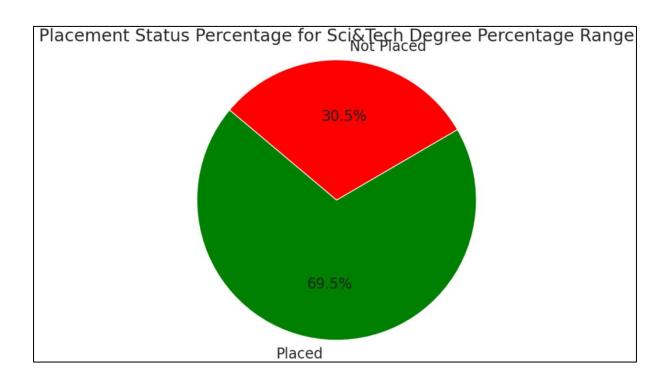


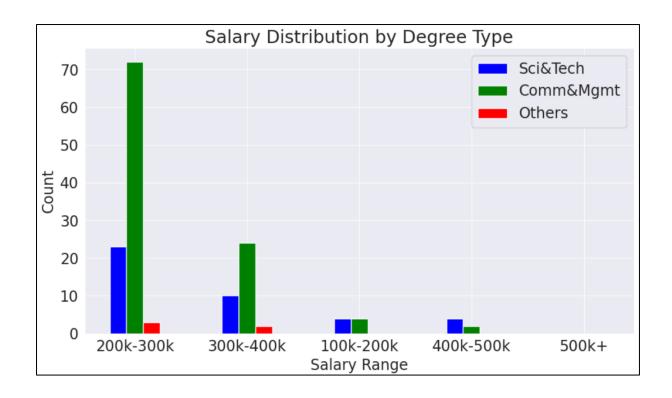


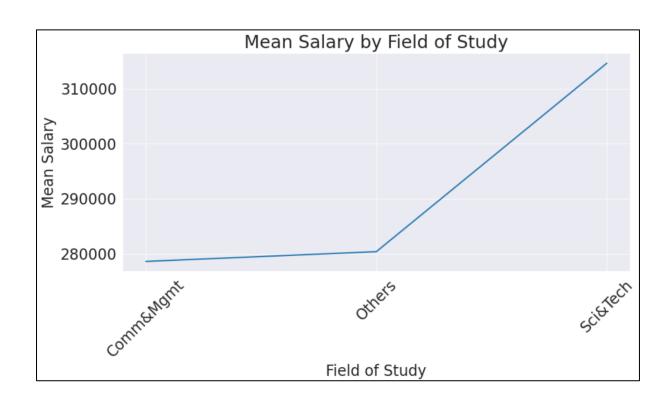


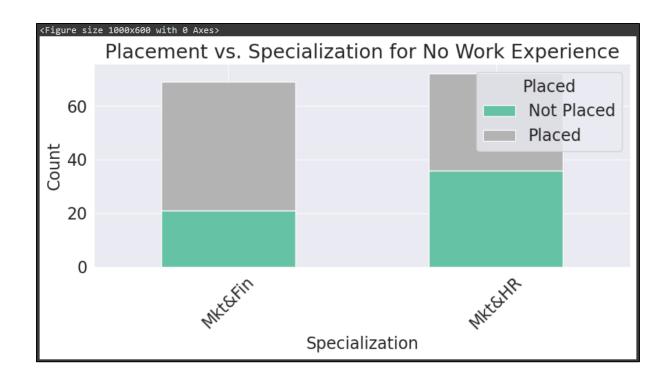


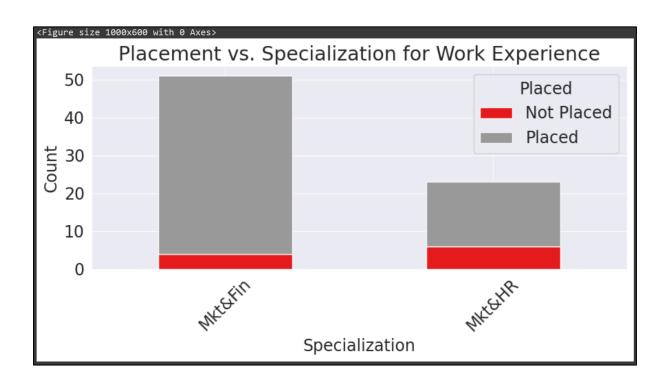




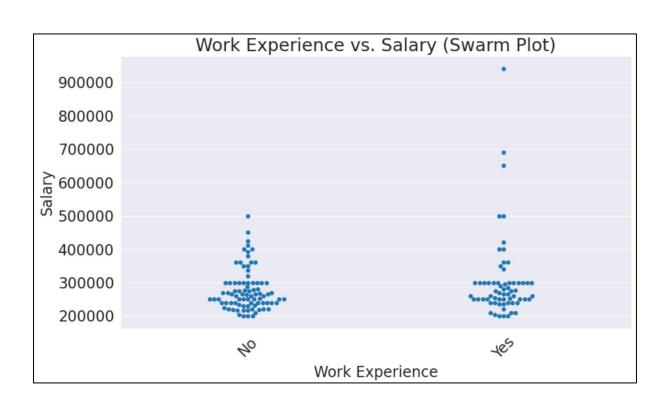


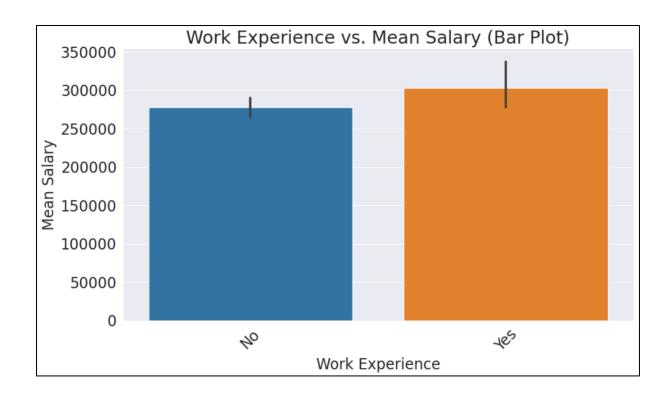


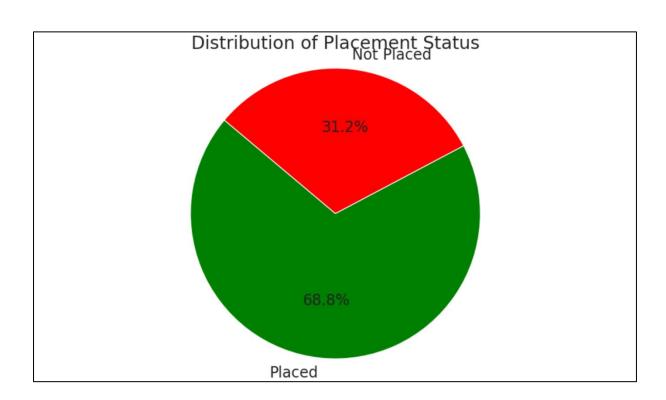


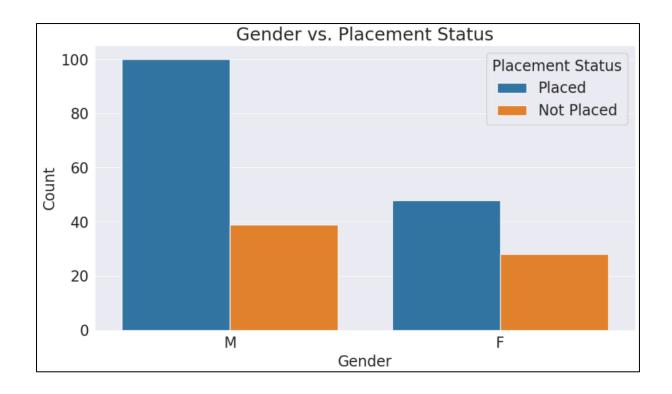


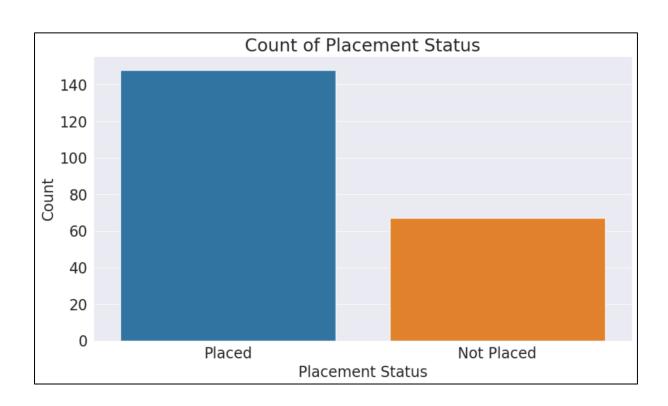


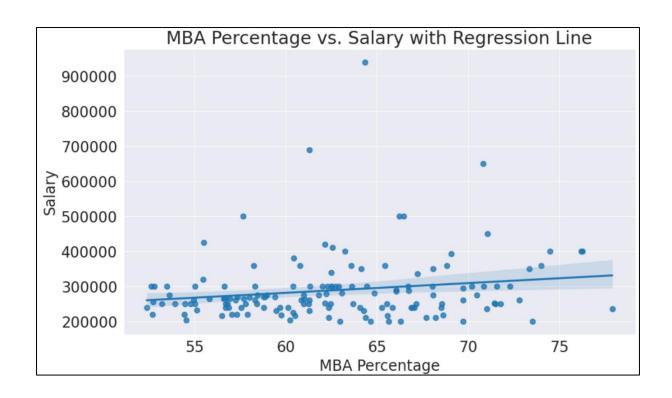


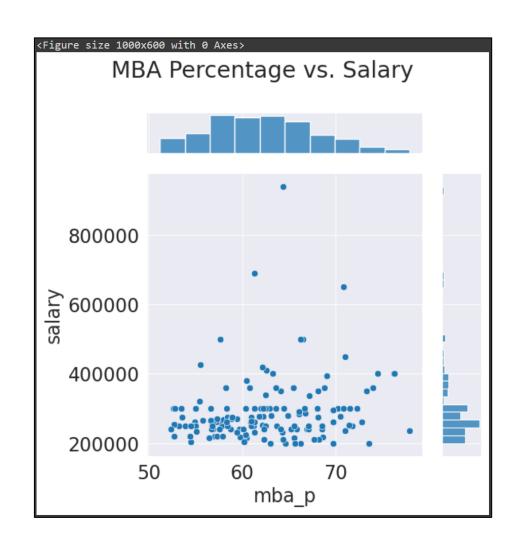




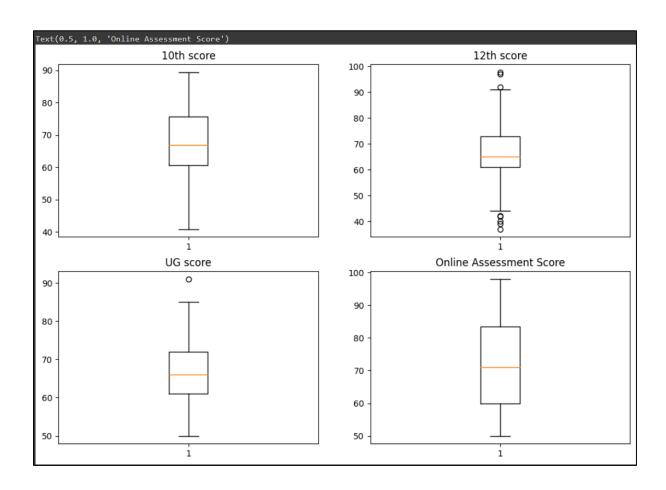


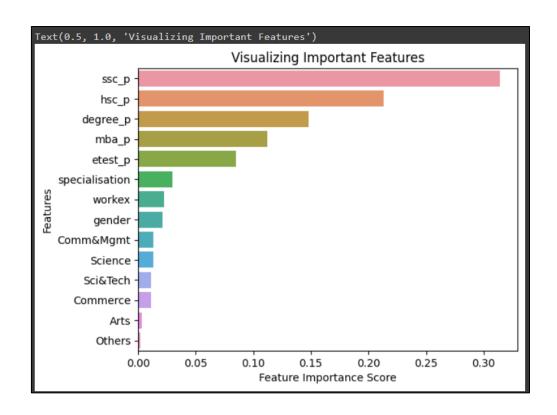






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1		М	79.33	Central	78.33	Others	Science	77.48	Sci&Tech	Yes	86.5	Mkt&Fin	66.28	Placed	200000.0
2		М	65.00	Central	68.00	Central	Arts	64.00	Comm&Mgmt	No	75.0	Mkt&Fin	57.80	Placed	250000.0
3	4	М	56.00	Central	52.00	Central	Science	52.00	Sci&Tech	No	66.0	Mkt&HR	59.43	Not Placed	NaN
4		М	85.80	Central	73.60	Central	Commerce	73.30	Comm&Mgmt	No	96.8	Mkt&Fin	55.50	Placed	425000.0





MACHINE LEARNING MODEL RESULTS:

Accuracy of KNN on test set: 0.7619047619047619

Cross-validation precision: 0.720728

Model 4: accuracy

Accuracy: 0.7380952380952381

Model 5: accuracy

Accuracy: 0.7857142857142857