Data Analysis for Education Consultants

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Background

Education consultancy is one of the major industry which has been in operation for a quite a some time now, generally their success is measured based on the parameter that how well the student manage to earn after following their advice on the choice of college and the course.

Exploratory Data Analysis

Correlation between non categorical factors

|	no	ssc_p	hsc_p	degree_p	etest_p	mba_
	00	-0.093480	-0.218428	-0.102250	0.041467	-0.07243
	80	1.000000	0.293416	0.380657	0.317892	0.43056
	28	0.293416	1.000000	0.221307	0.284672	0.32998
	50	0.380657	0.221307	1.000000	0.217683	0.49409
	67	0.317892	0.284672	0.217683	1.000000	0.28414
	32	0.430560	0.329983	0.494093	0.284143	1.00000
	64	0.035330	0.076819	-0.019272	0.178307	0.17501

Correlation between Different factors and salary
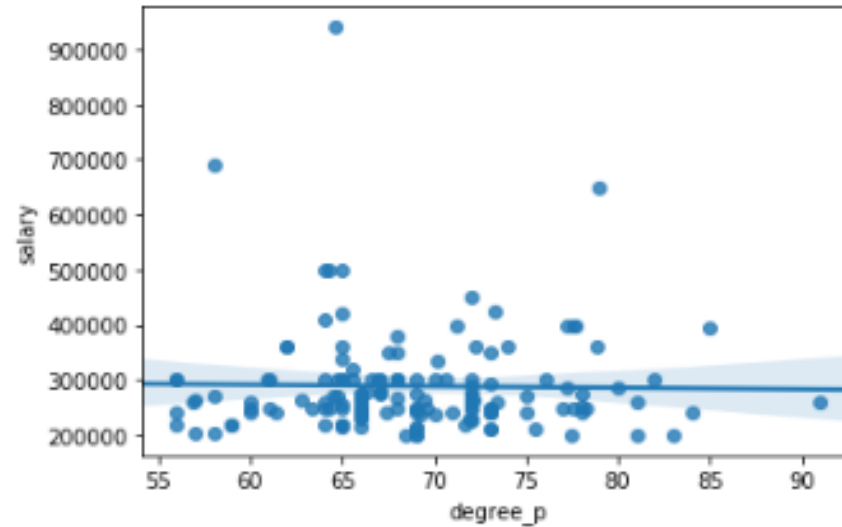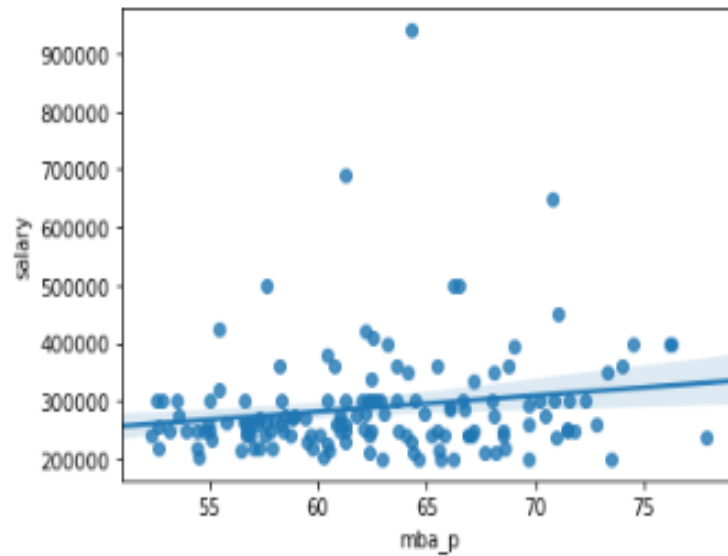
Correlation between Different factors and salary

MODEL FIT

Actual vs Fitted Values for salary
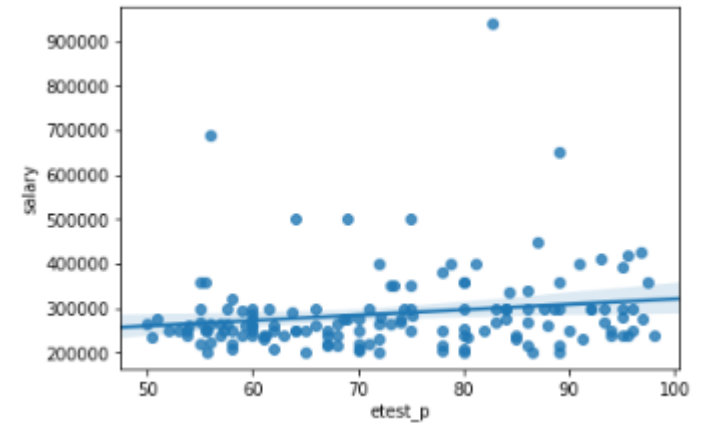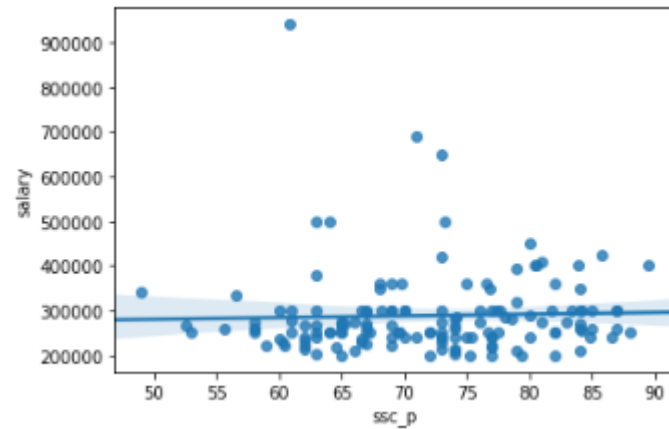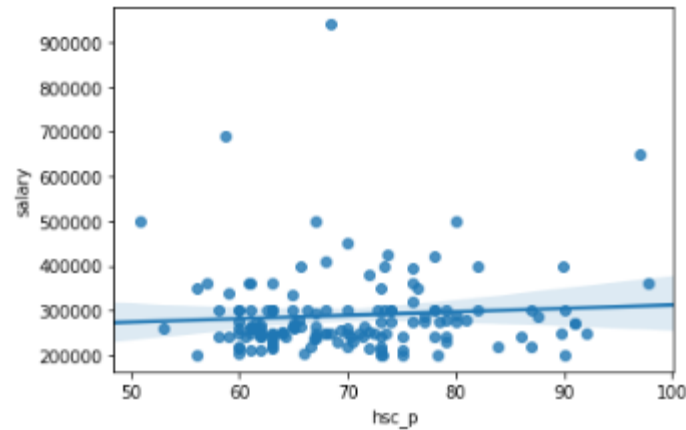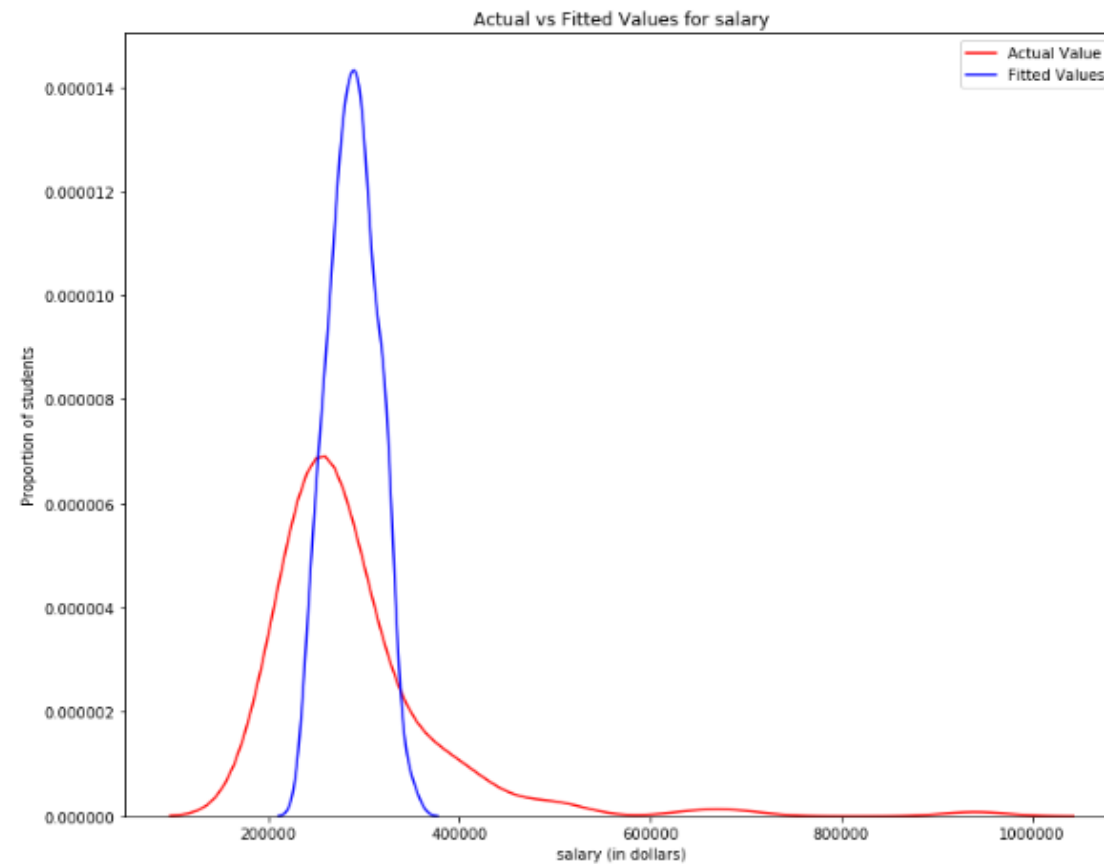
Categorical factors
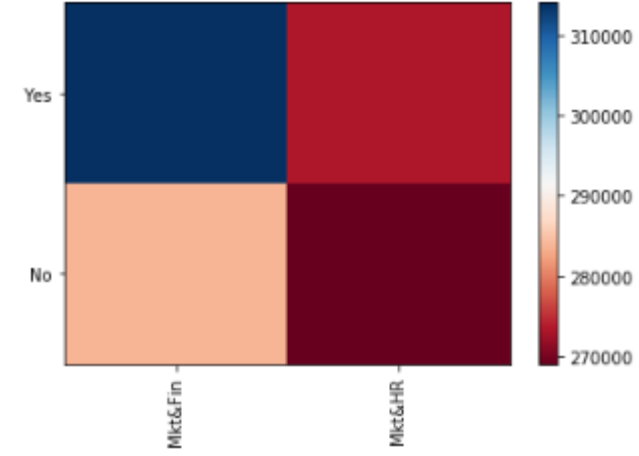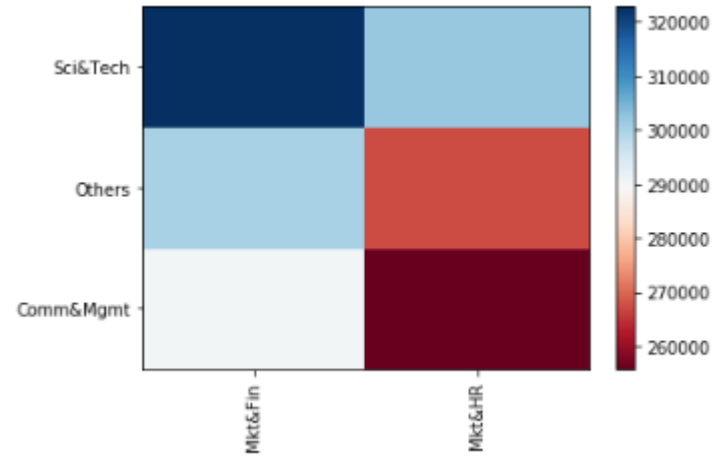
CONCLUSION

It can be safely concluded that student with Science and Technology background, having some amount of work experience and Completed MBA with Marketing and Finance specialization are generally offered the highest salaries.

THANK YOU