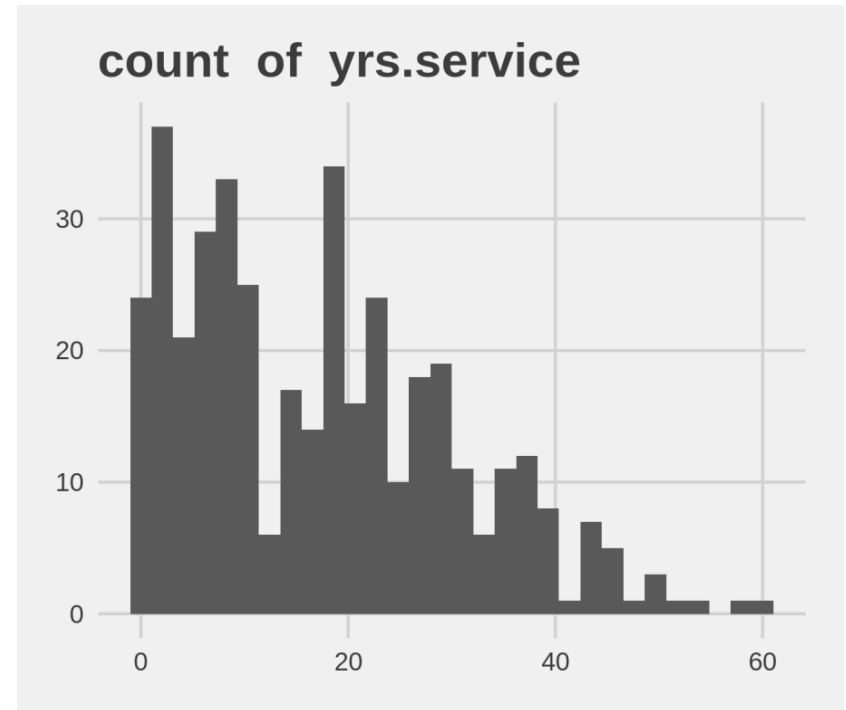
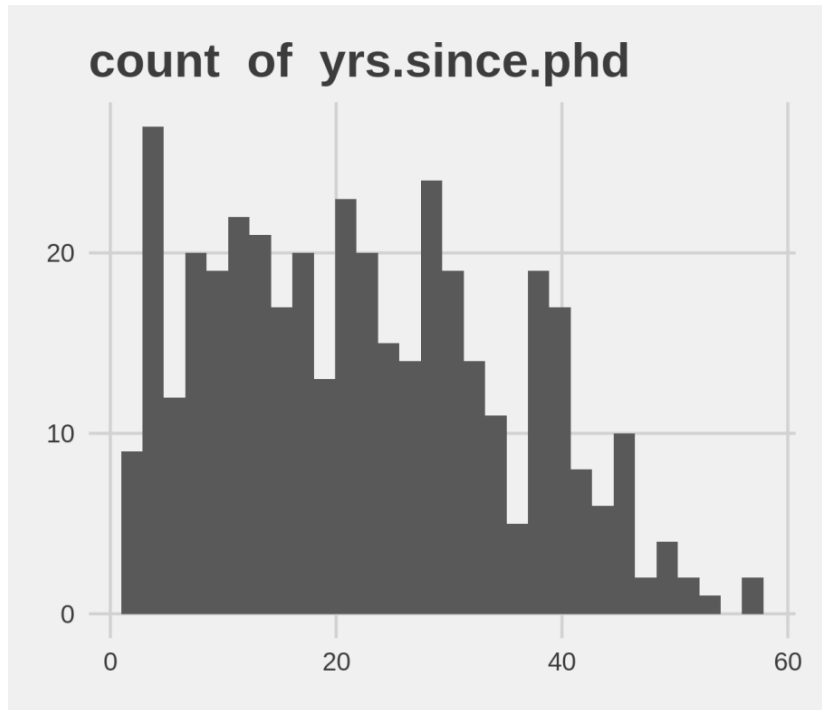


# Univariate Analysis

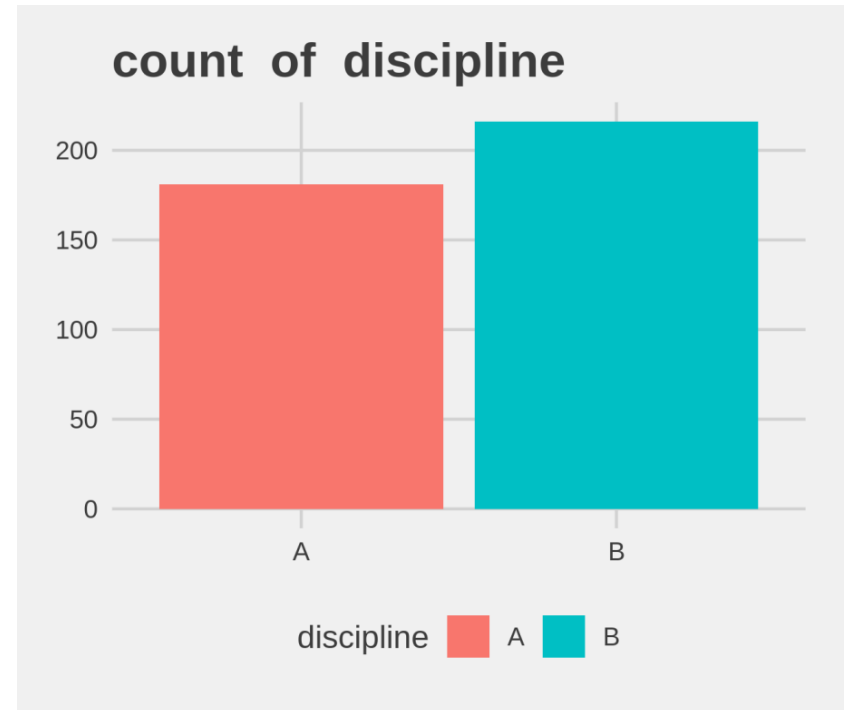
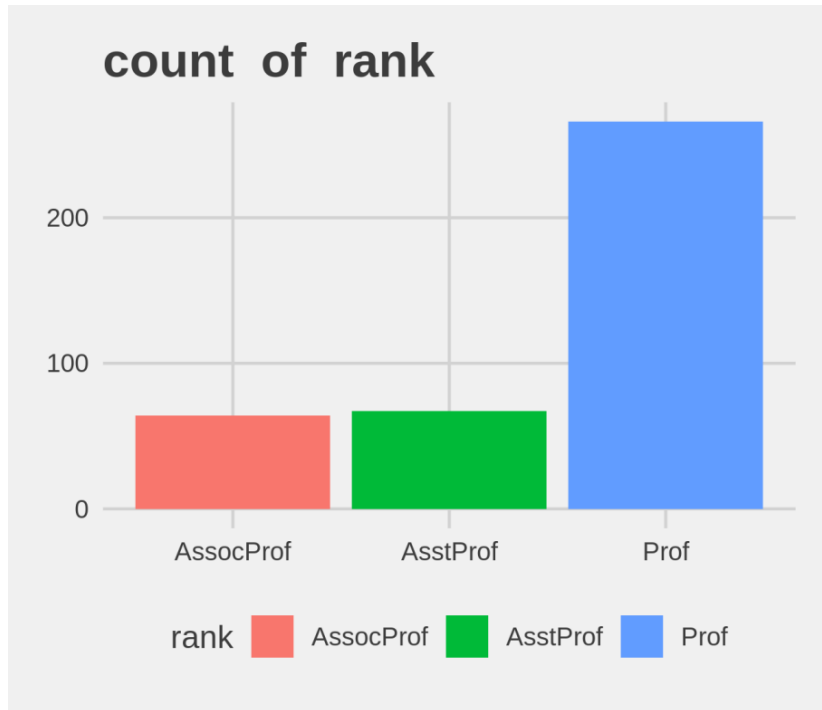
# Univariate Analysis Slide 1 of 3



min	25th	50th	75th	max
1	12	21	32	56

min	25th	50th	75th	max
0	7	16	26.5	60

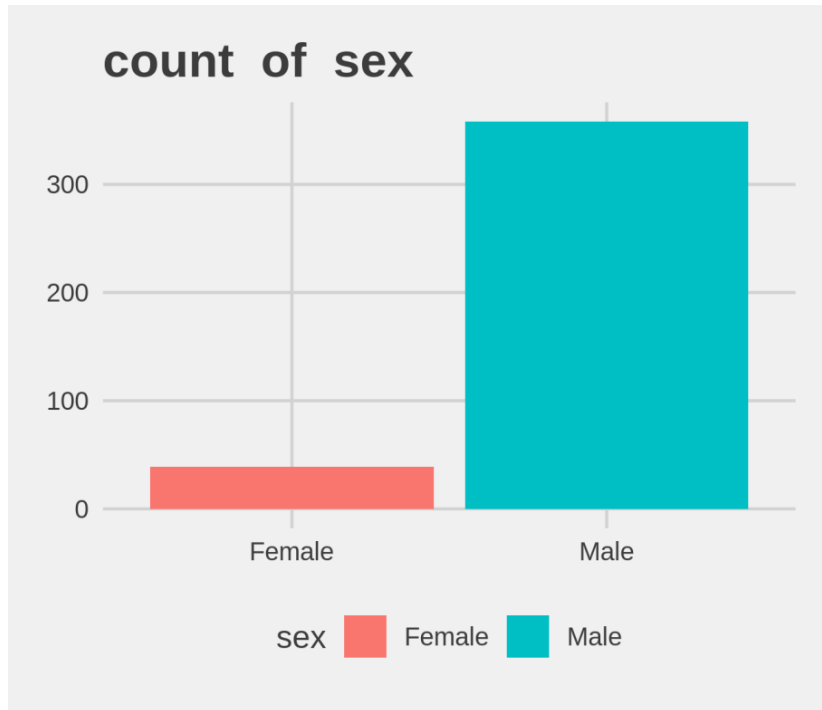
# Univariate Analysis Slide 2 of 3



Metric	AssocPr of	AsstProf	Prof
Count	64	67	266
Perct.	16.12%	16.88%	67%

Metric	A	B
Count	181	216
Perct.	45.59%	54.41%

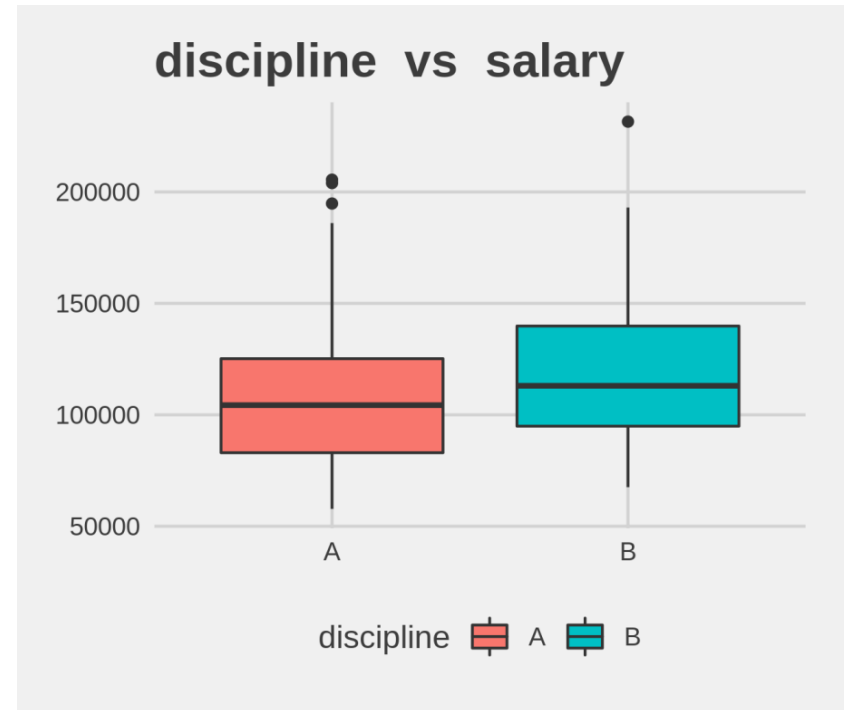
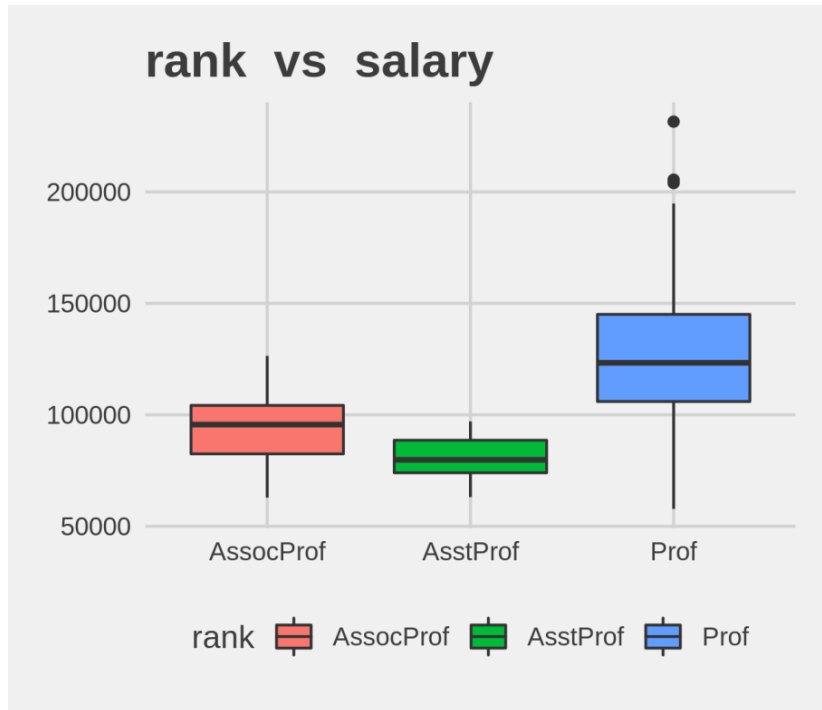
# Univariate Analysis Slide 3 of 3



Metric	Female	Male
Count	39	358
Perct.	9.82%	90.18%

# Bi-variate analysis

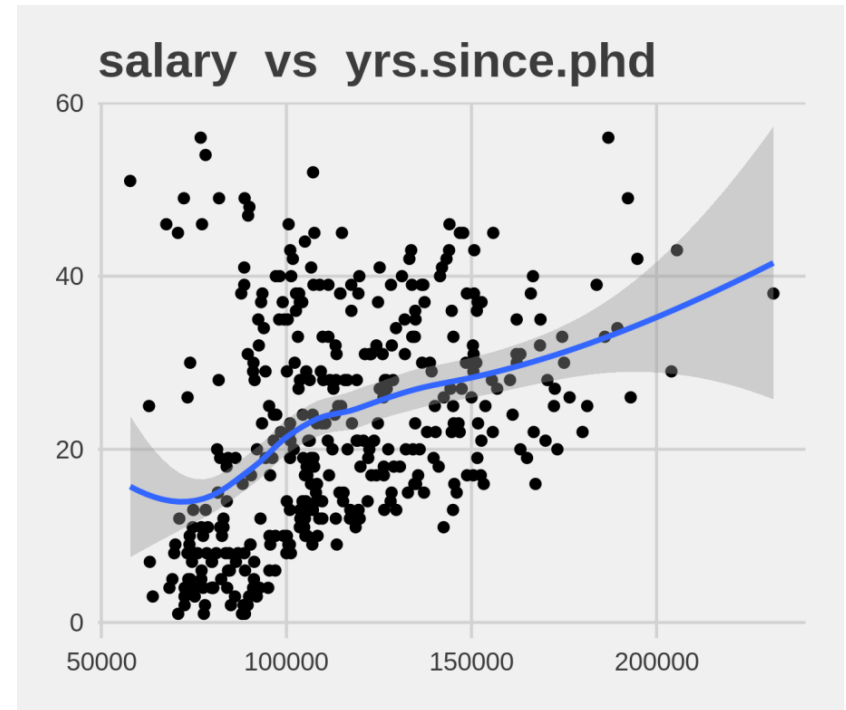
# Bi-variate analysis Slide 1 of 3



rank	mean - salary	median - salary
AssocProf	93876.44	95626.5
AsstProf	80775.99	79800.0
Prof	126772.11	123321.5

discipline	mean - salary	median - salary
A	108548.4	104350.0
B	118028.7	113018.5

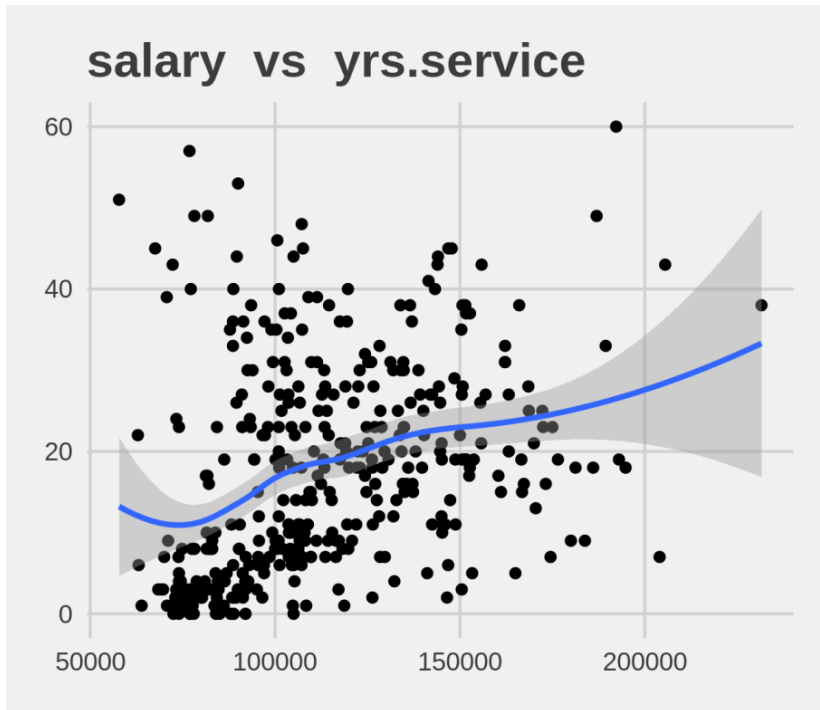
# Bi-variate analysis Slide 2 of 3



sex	mean - salary	median - salary
Female	101002.4	103750
Male	115090.4	108043

Feature	Correlation with Target
yrs.since.phd	0.419

# Bi-variate analysis Slide 3 of 3



Feature	Correlation with Target
yrs.service	0.336