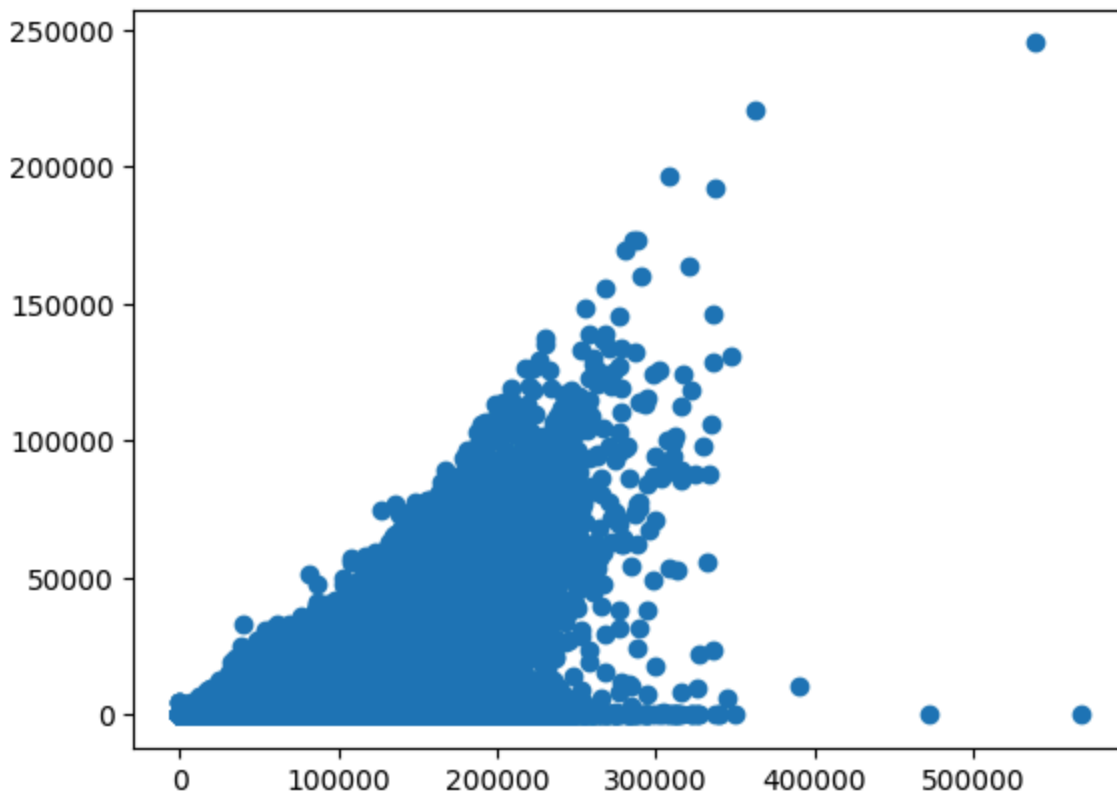# Data Report

Total Pay Analysis:

```
mean      74768.321972
std      50517.005274
min        -618.130000
25%      36168.995000
50%      71426.610000
75%     105839.135000
max     567595.430000
Name: TotalPay, dtype: float64
median    71426.60999999999
mode    0.0
Range of data is fom -618.13 to 567595.43
```
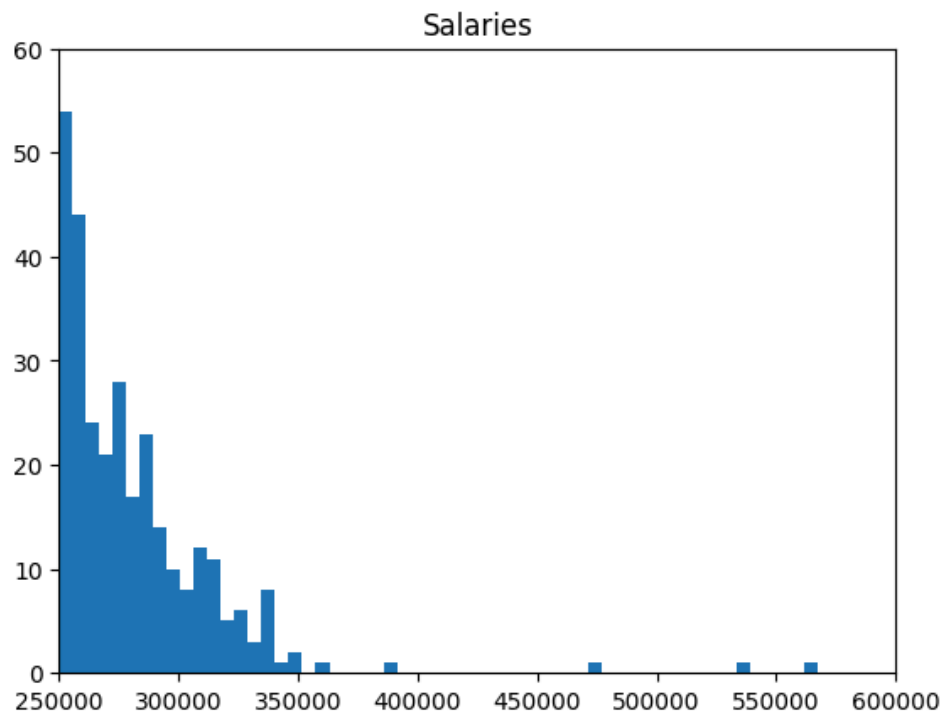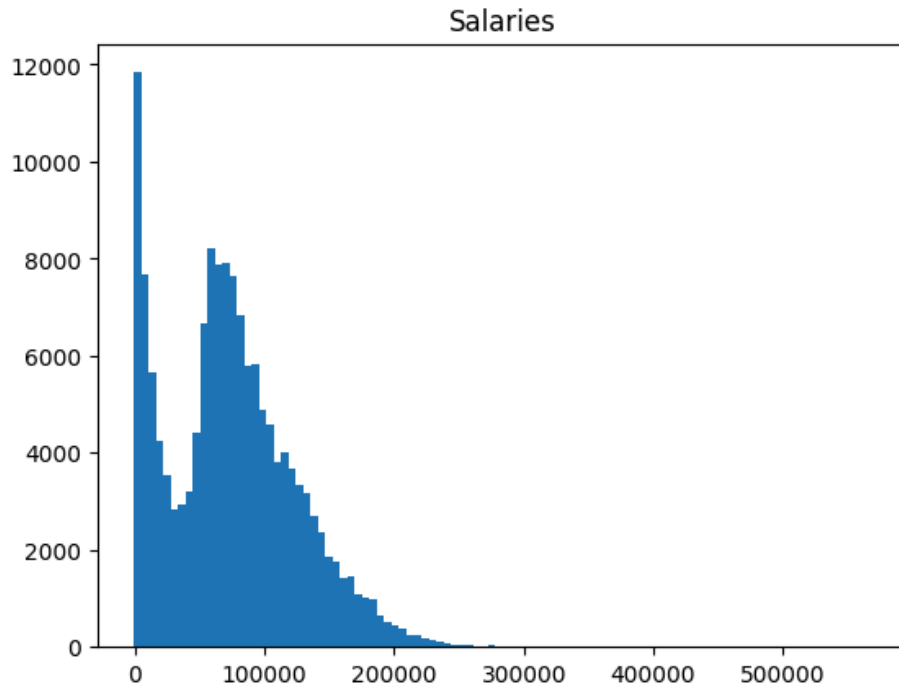
Group Analysis for Salaries based on years

Year	count	mean	std	min	25%	50%
2011	36159.0	71744.103871	47498.706594	0.00	36810.7600	68213.240
2012	36766.0	74113.262265	49523.904319	0.00	37560.6075	70714.680
2013	37606.0	77611.443142	52854.774783	0.00	36754.9950	74500.015
2014	38123.0	75463.918140	51697.713029	-618.13	33436.2100	72359.980

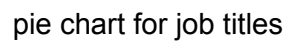| Year	75%	max
2011	102512.680	567595.43
2012	104099.170	362844.66
2013	109637.670	347102.32
2014	107974.445	471952.64

correlation between Total Pay and Overtime: 0.5048439903995623

Salary vs overtime pay

Salary Histogram

pie chart for job titles