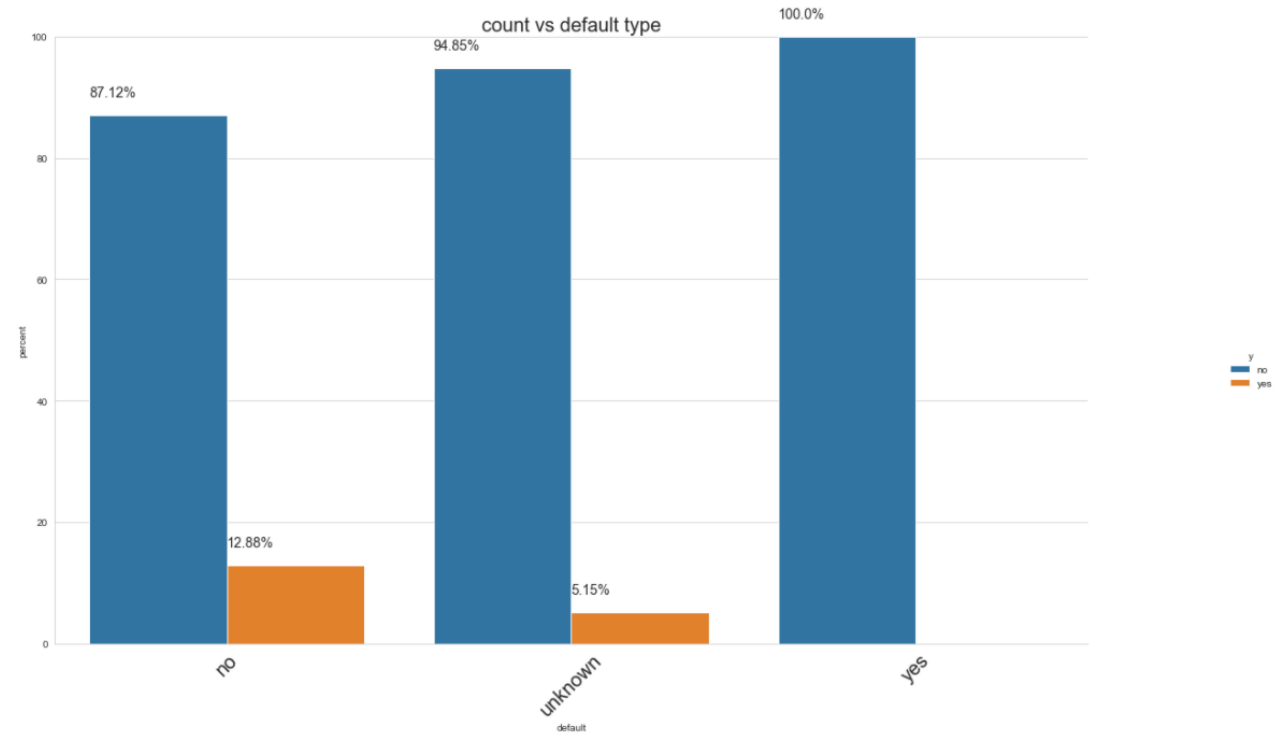


Exploratory Data analysis

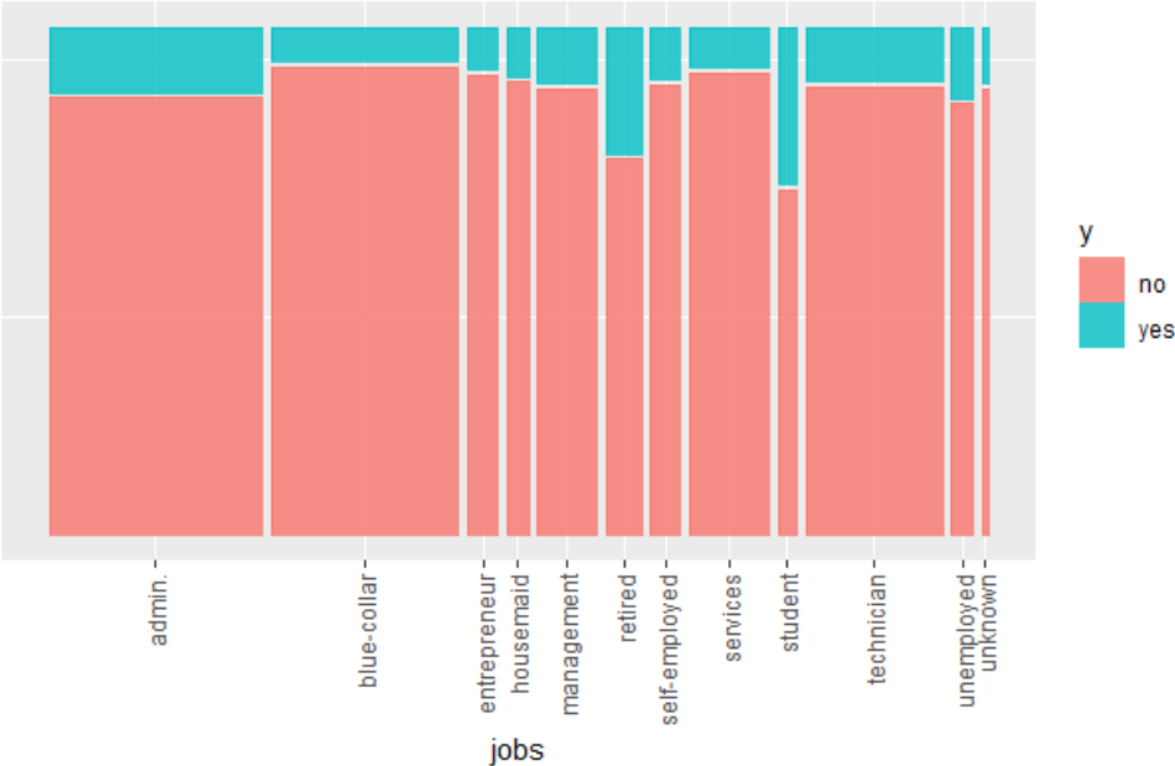
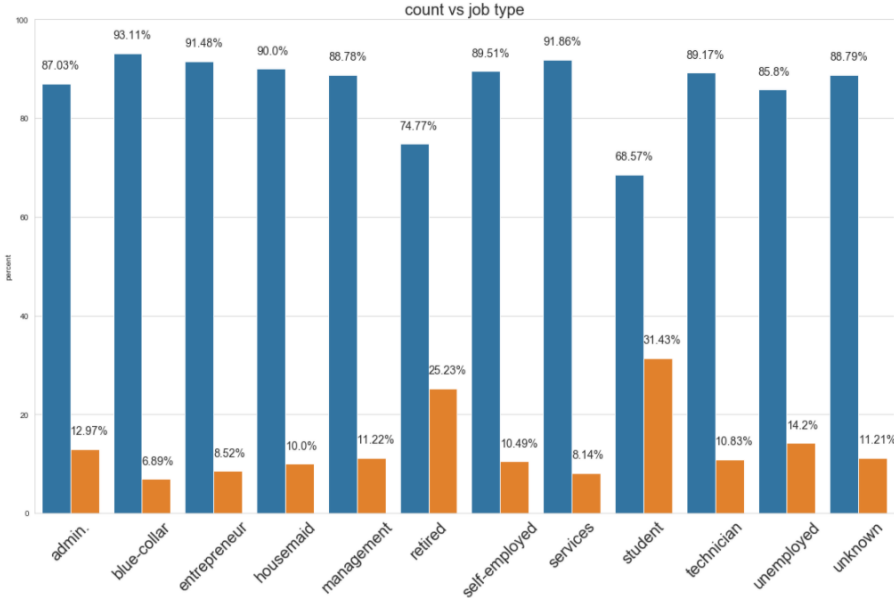
default

	y		
default	no	yes	Row Total
no	28391	4197	32588
	0.871	0.129	0.791
	0.689	0.102	
unknown	8154	443	8597
	0.948	0.052	0.209
	0.198	0.011	
yes	3	0	3
	1.000	0.000	0.000
	0.000	0.000	
Column Total	36548	4640	41188

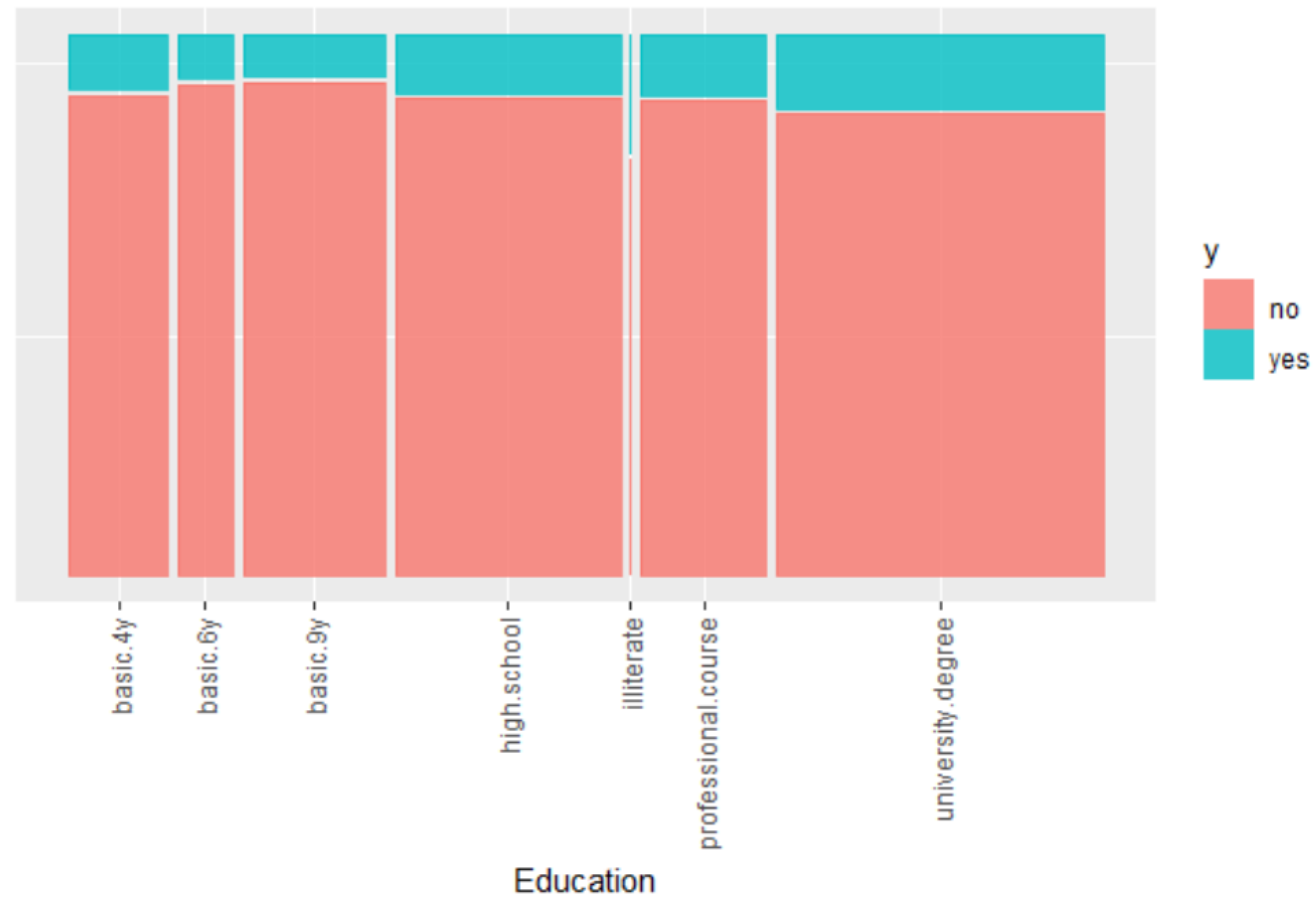


job

job	y		Row Total
	no	yes	
admin.	9070	1352	10422
	0.870	0.130	0.253
	0.220	0.033	
blue-collar	8616	638	9254
	0.931	0.069	0.225
	0.209	0.015	
entrepreneur	1332	124	1456
	0.915	0.085	0.035
	0.032	0.003	
housemaid	954	106	1060
	0.900	0.100	0.026
	0.023	0.003	
management	2596	328	2924
	0.888	0.112	0.071
	0.063	0.008	
retired	1286	434	1720
	0.748	0.252	0.042
	0.031	0.011	
self-employed	1272	149	1421
	0.895	0.105	0.035
	0.031	0.004	
services	3646	323	3969
	0.919	0.081	0.096
	0.089	0.008	
student	600	275	875
	0.686	0.314	0.021
	0.015	0.007	
technician	6013	730	6743
	0.892	0.108	0.164
	0.146	0.018	
unemployed	870	144	1014
	0.858	0.142	0.025
	0.021	0.003	
unknown	293	37	330
	0.888	0.112	0.008
	0.007	0.001	
Column Total	36548	4640	41188



education



Housing and loans

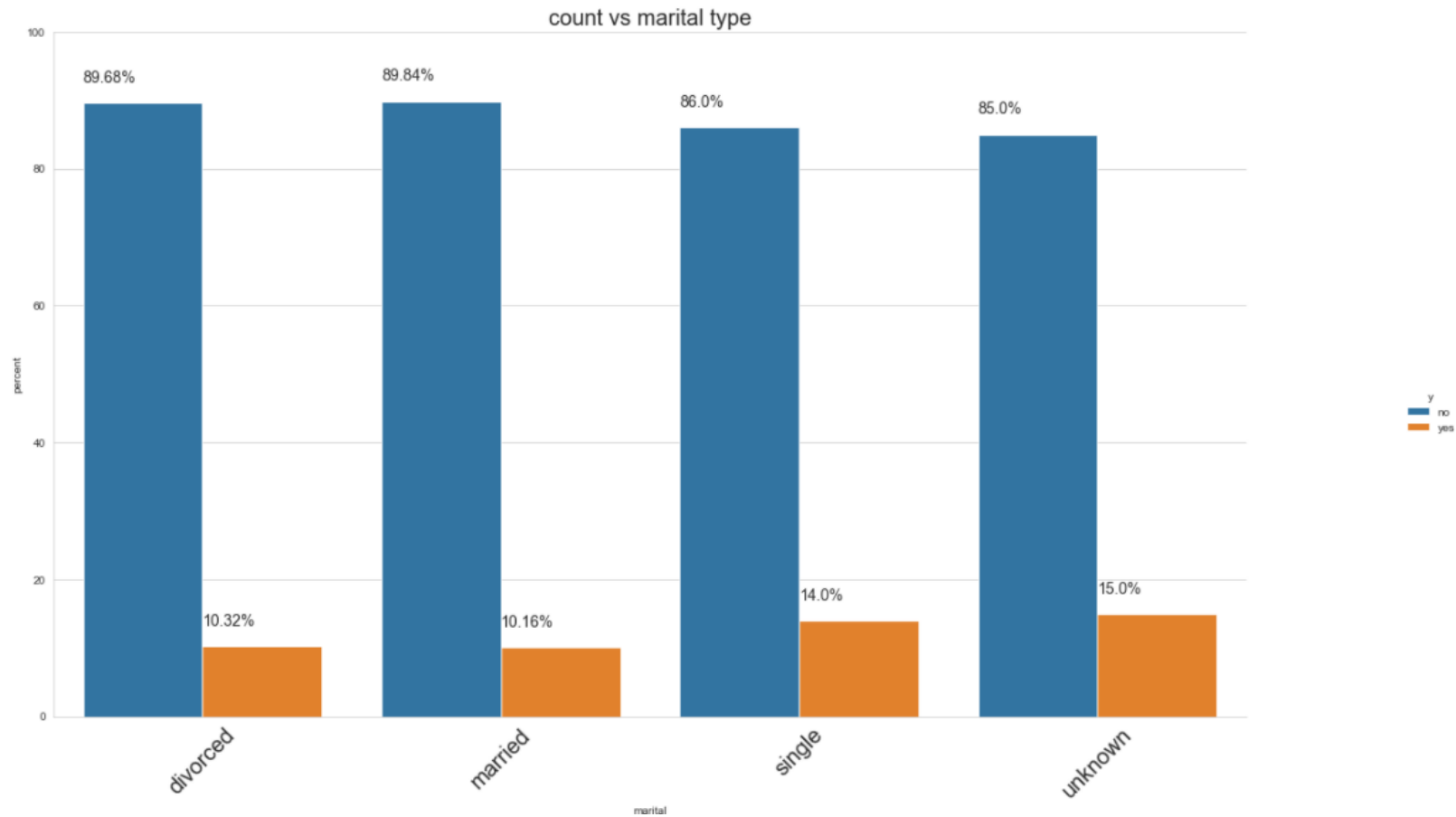
Pearson's Chi-squared test

```
data: bank_df$housing and bank_df$y  
X-squared = 5.6845, df = 2, p-value = 0.05829
```

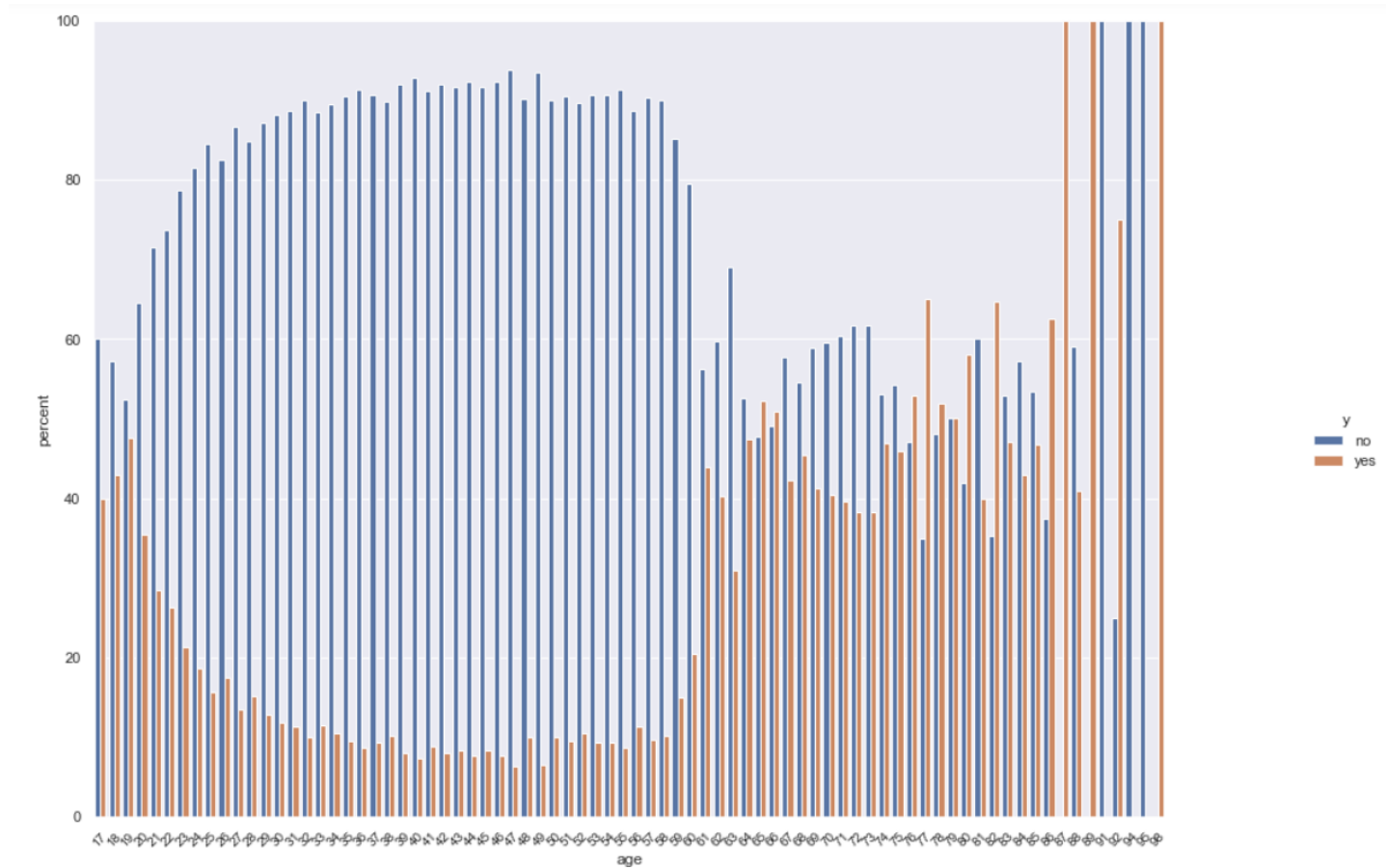
Pearson's Chi-squared test

```
data: bank_df$loan and bank_df$y  
X-squared = 1.094, df = 2, p-value = 0.5787
```

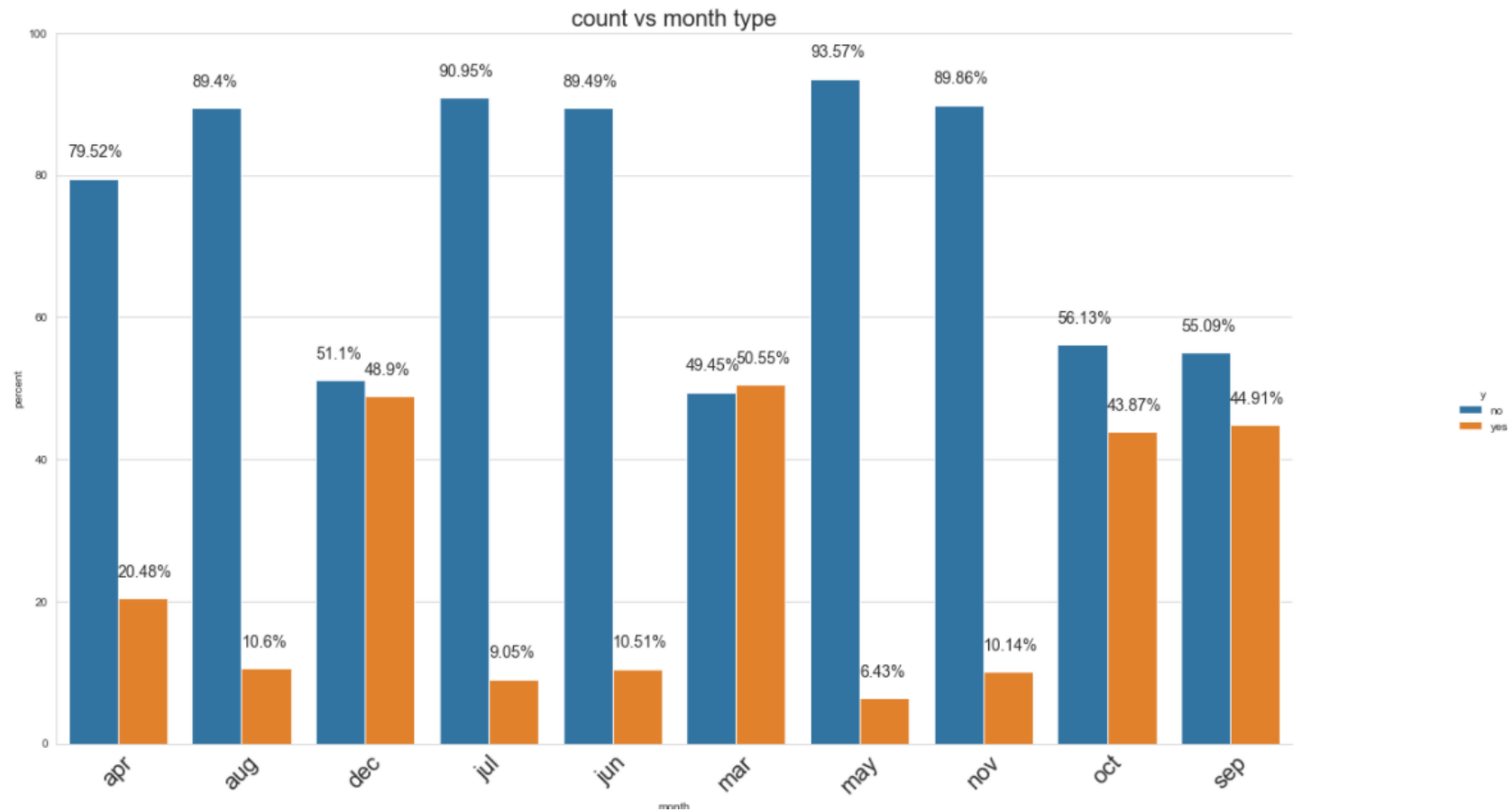
marital



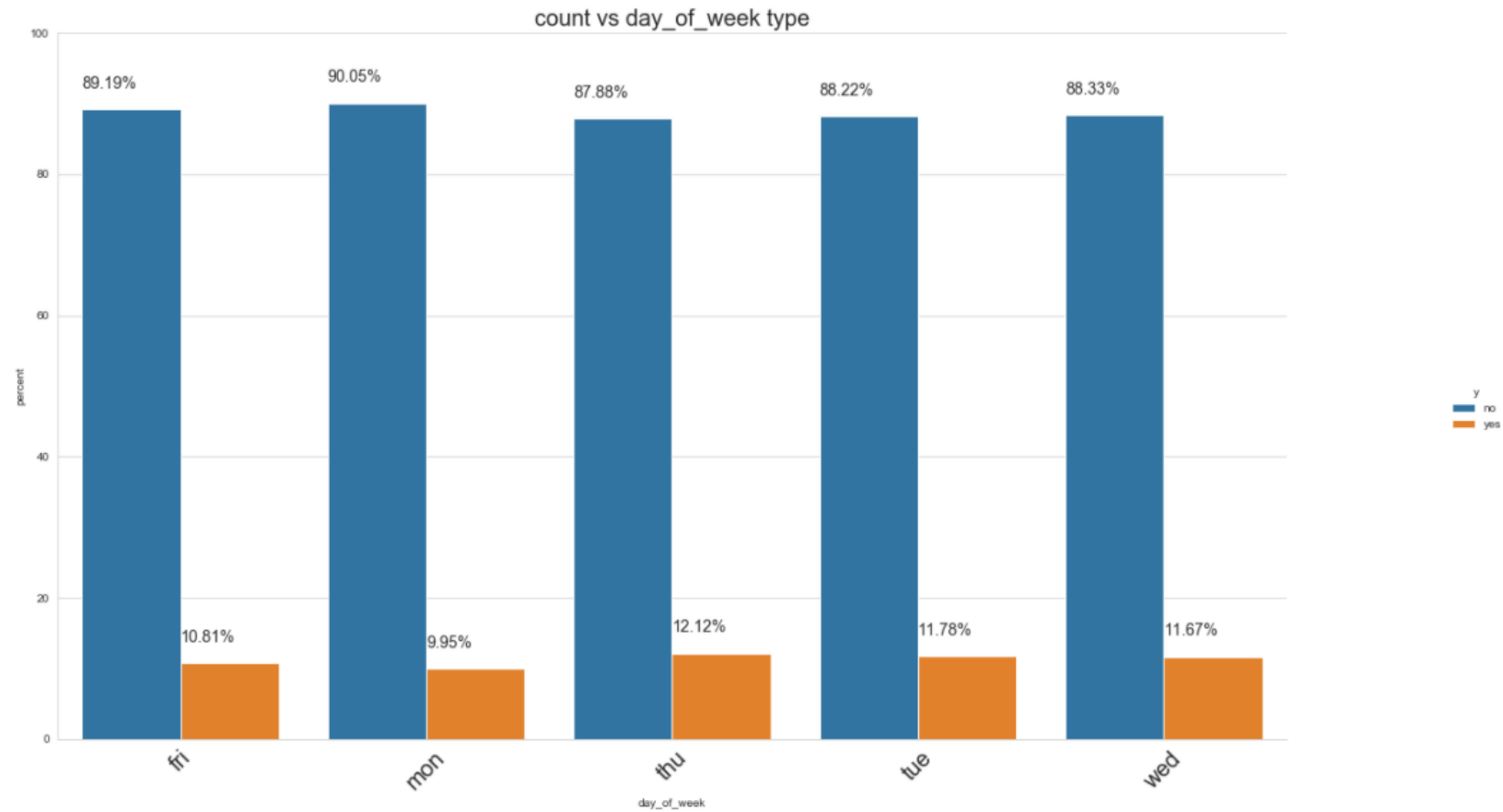
Age – percentage of yes and no with age



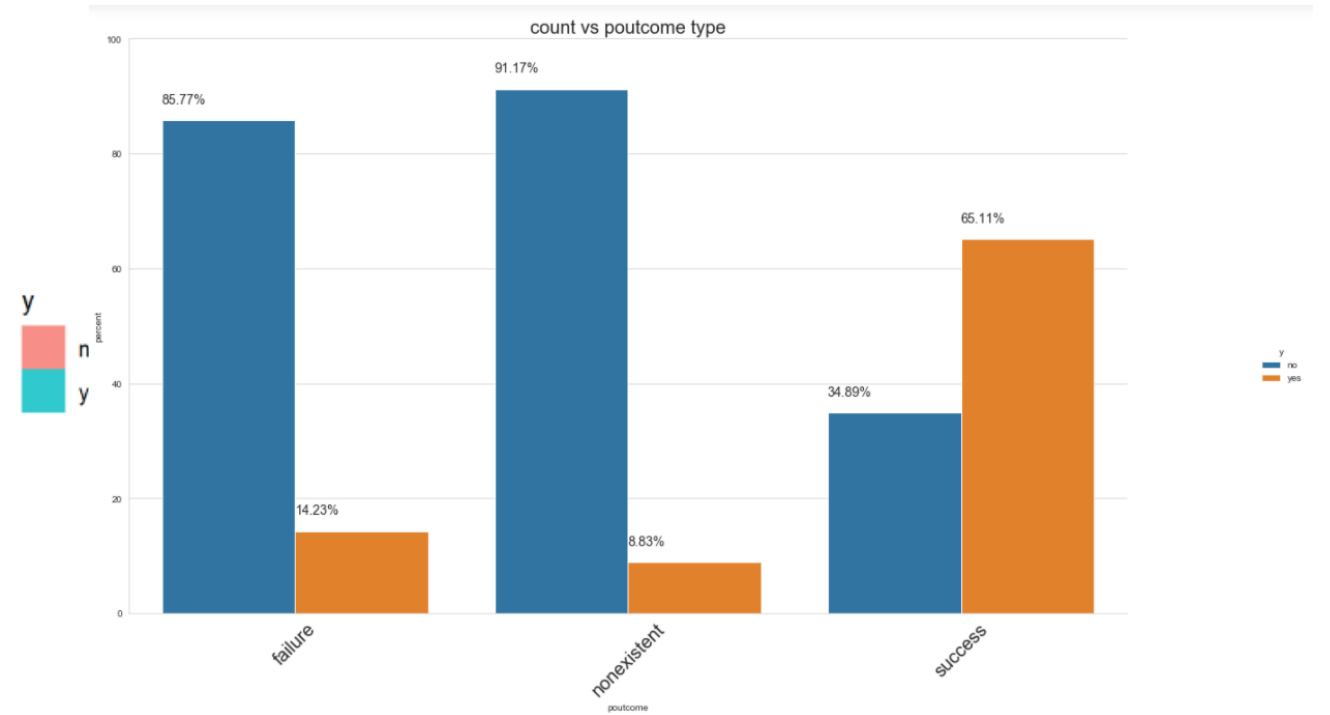
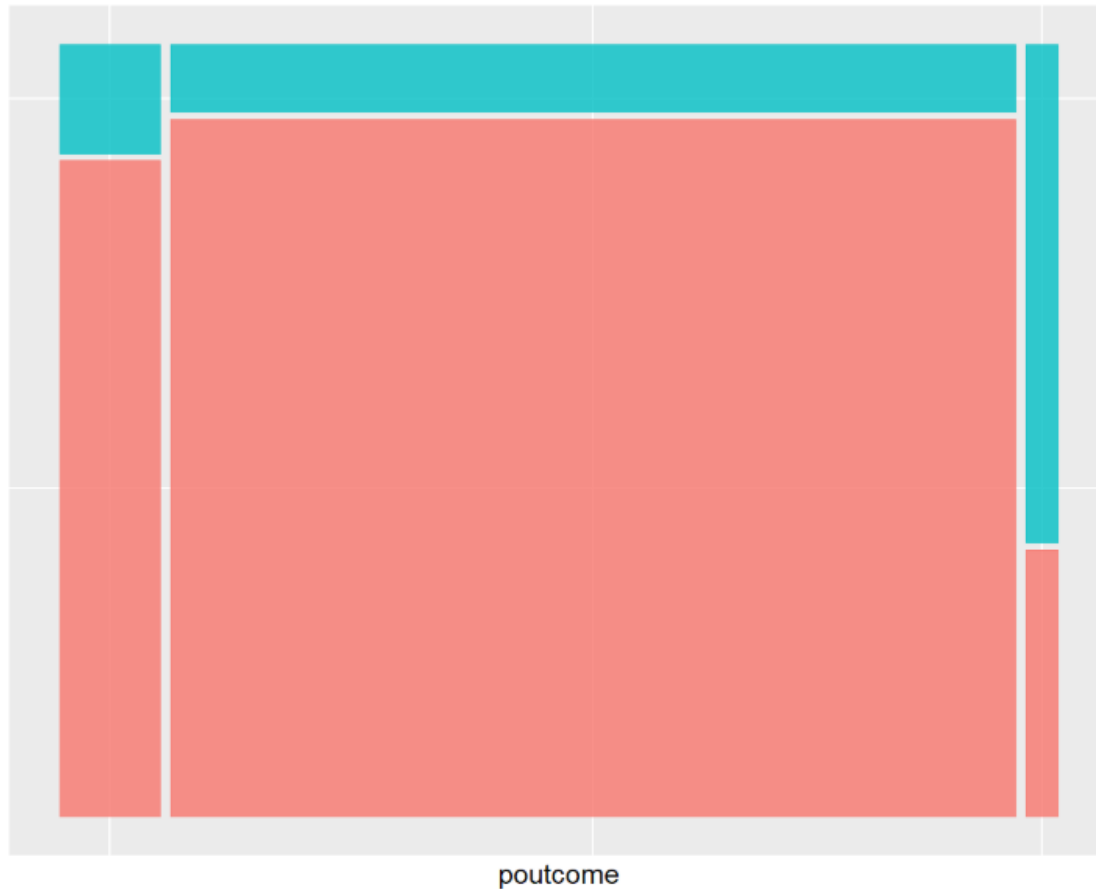
month



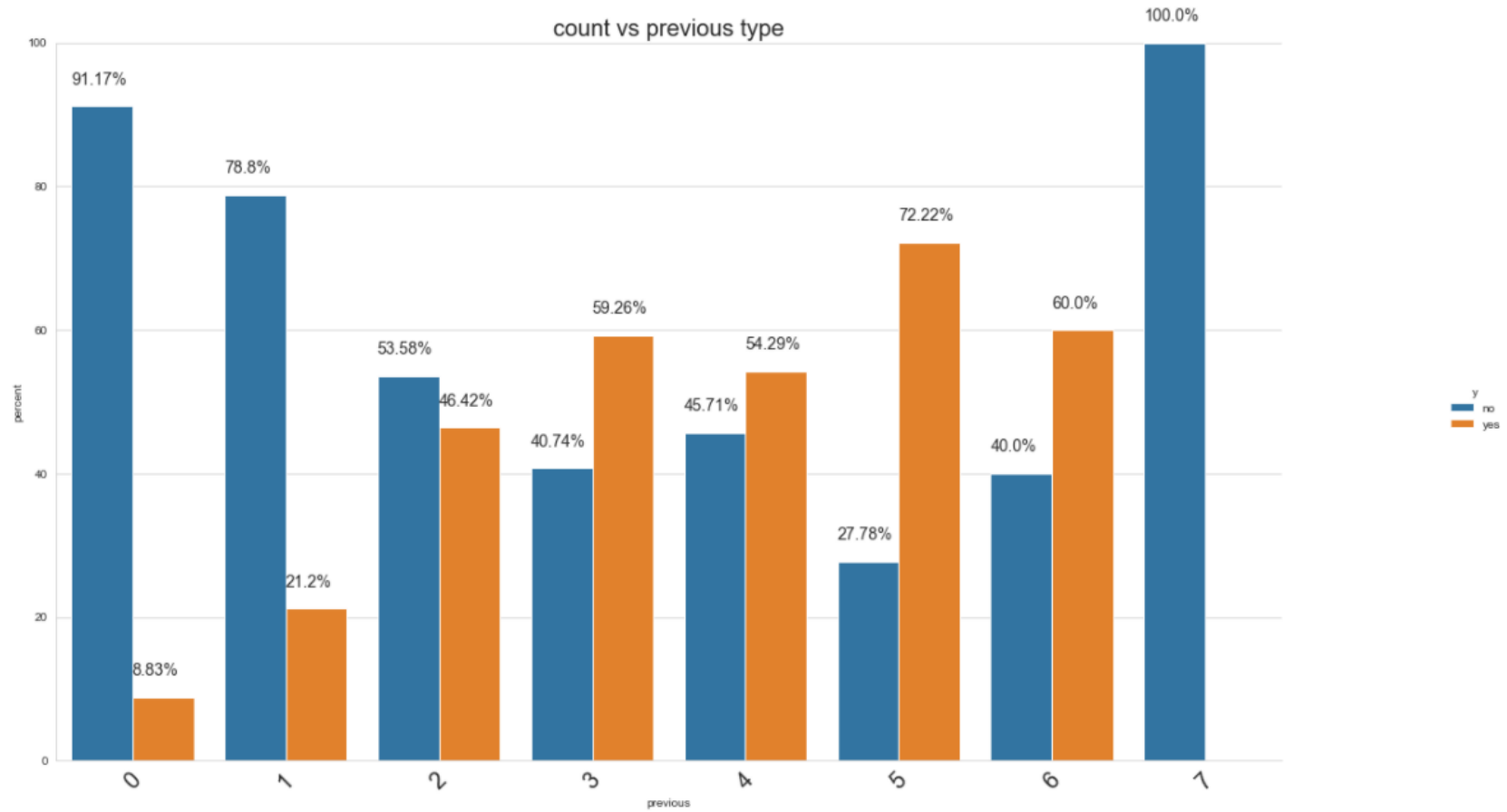
Day of week



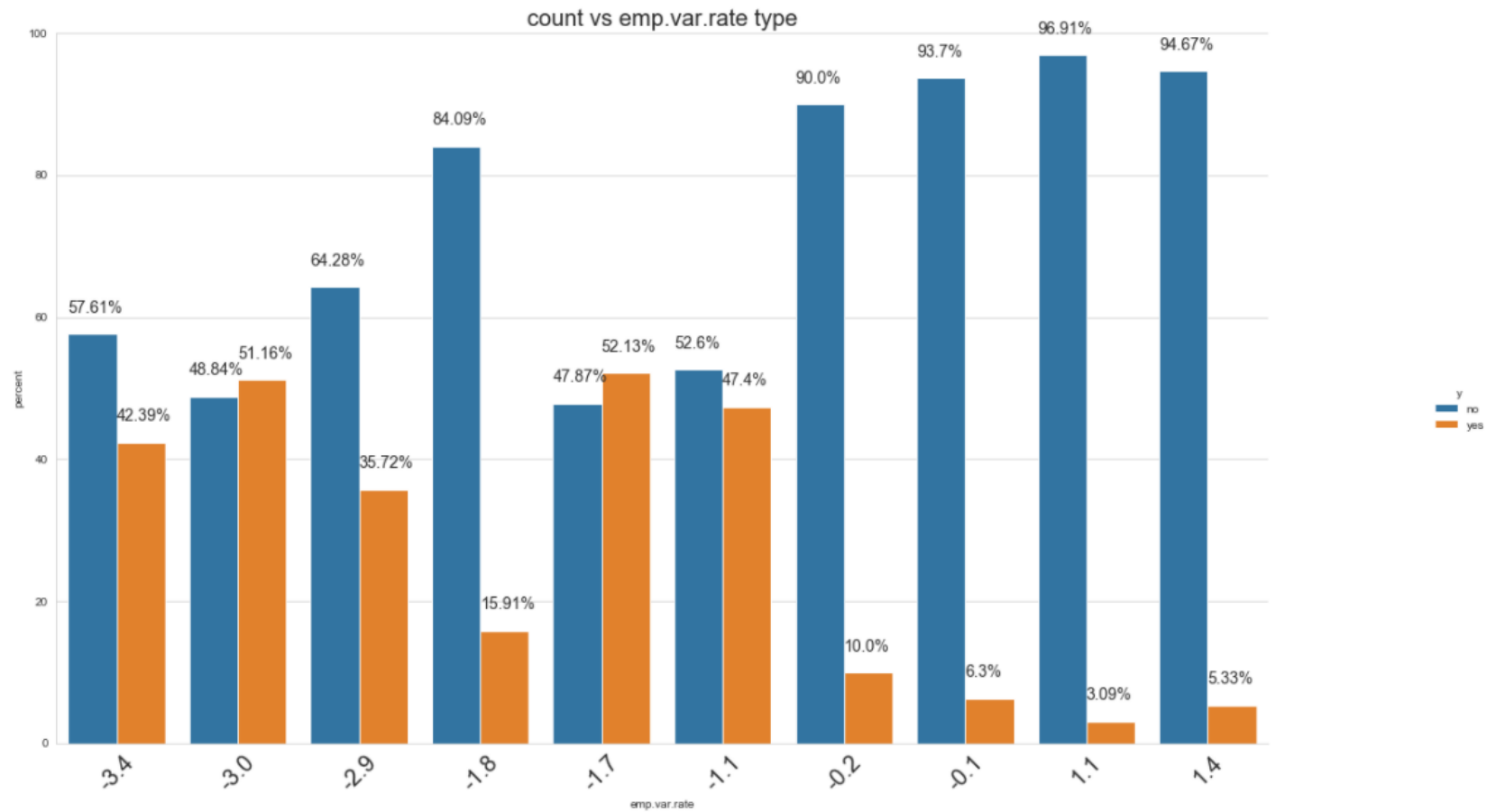
Poutcome – success, failure, non-existent



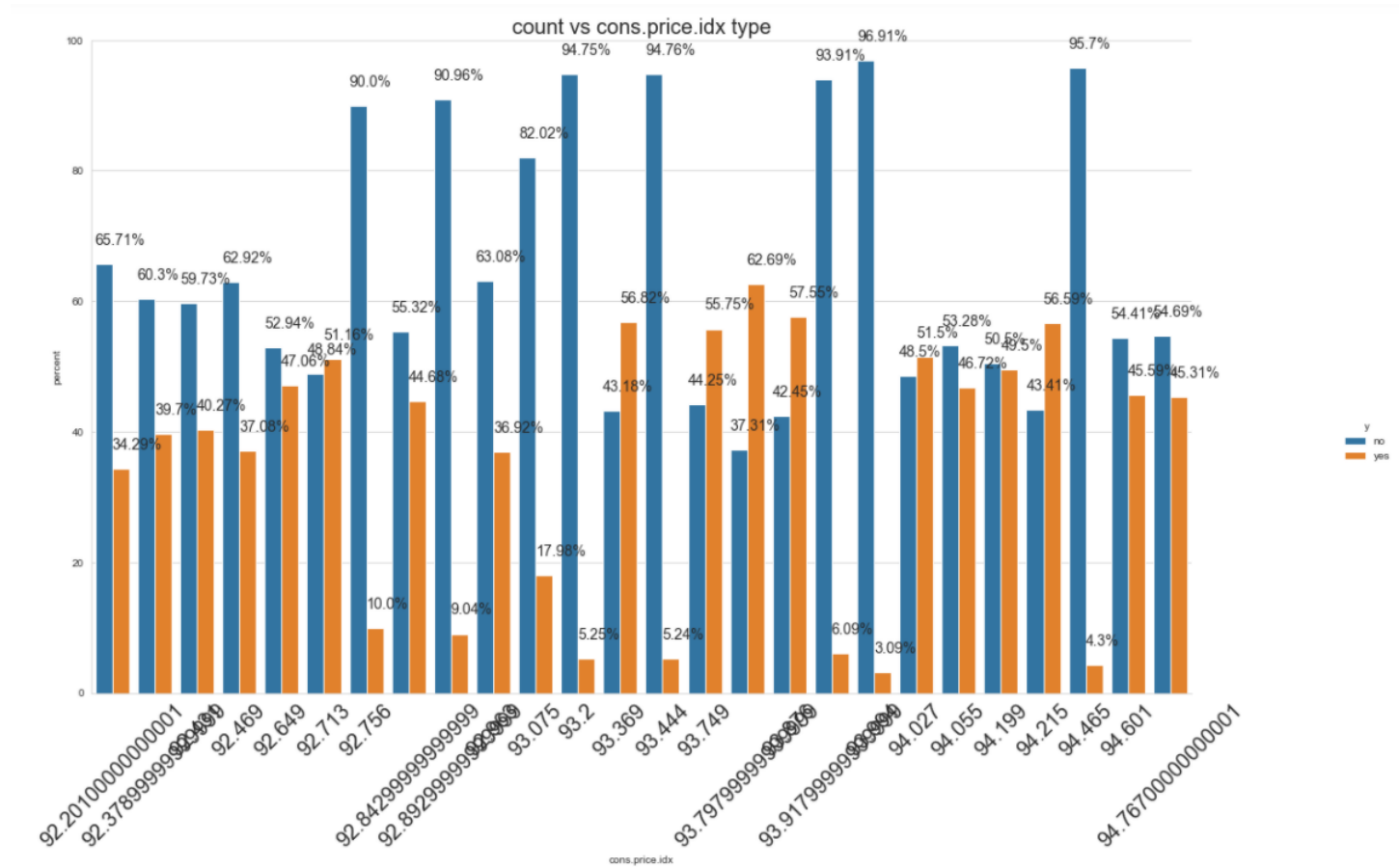
previous



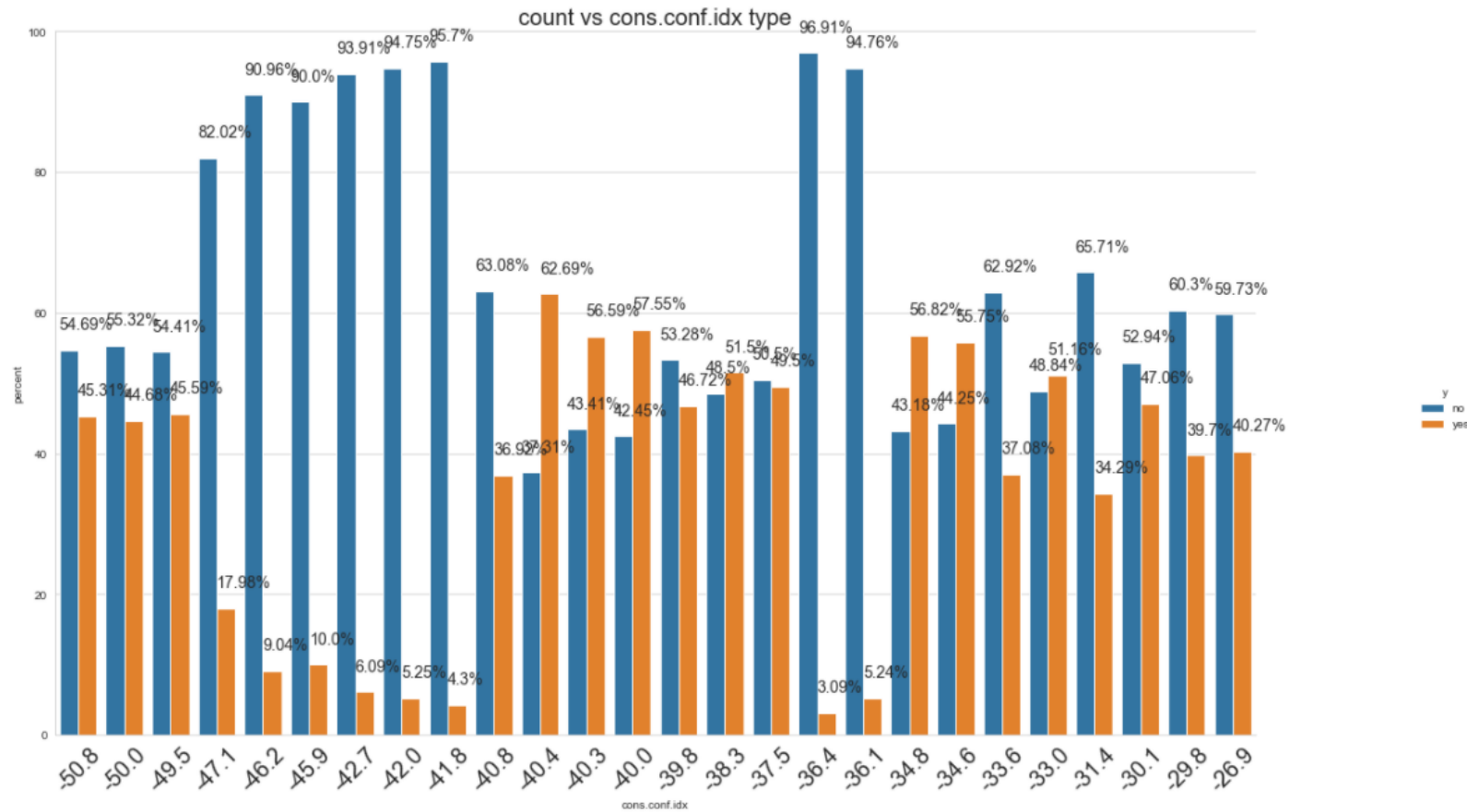
Emp.var.rate.type



Cons.price.idx.type



Cons.conf.idx.type



Nr.employed.type

