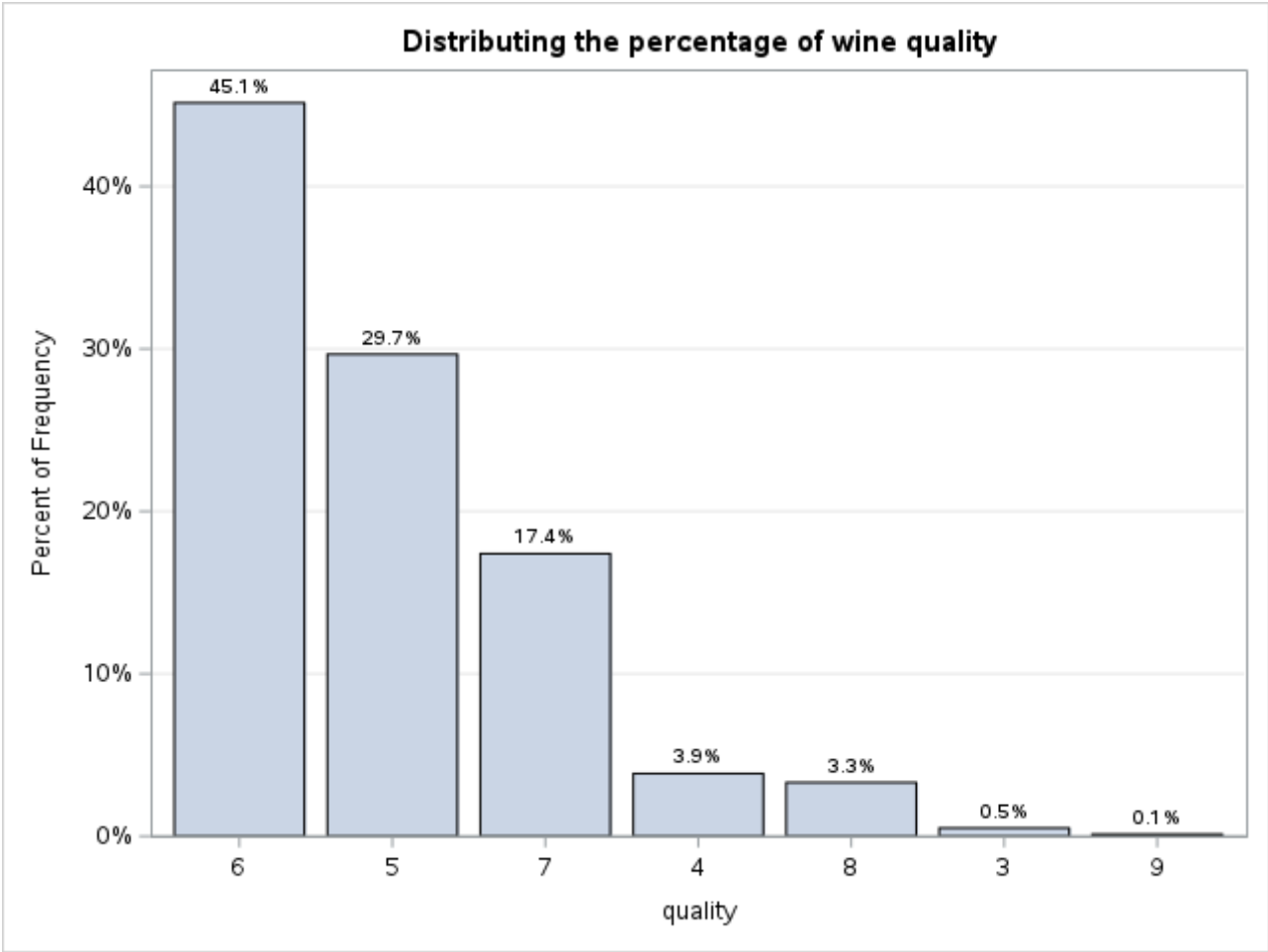


The MEANS Procedure

Variable	N Miss	N
fixed acidity	0	4898
volatile acidity	0	4898
citric acid	0	4898
residual sugar	0	4898
chlorides	0	4898
free sulfur dioxide	0	4898
total sulfur dioxide	0	4898
density	0	4898
pH	0	4898
sulphates	0	4898
alcohol	0	4898
quality	0	4898

The MEANS Procedure

Variable	N	Mean	Std Dev	Minimum	Maximum
fixed acidity	4898	6.8547877	0.8438682	3.8000000	14.2000000
volatile acidity	4898	0.2782411	0.1007945	0.0800000	1.1000000
citric acid	4898	0.3341915	0.1210198	0	1.6600000
residual sugar	4898	6.3914149	5.0720578	0.6000000	65.8000000
chlorides	4898	0.0457724	0.0218480	0.0090000	0.3460000
free sulfur dioxide	4898	35.3080849	17.0071373	2.0000000	289.0000000
total sulfur dioxide	4898	138.3606574	42.4980646	9.0000000	440.0000000
density	4898	0.9940274	0.0029909	0.9871100	1.0389800
pH	4898	3.1882666	0.1510006	2.7200000	3.8200000
sulphates	4898	0.4898469	0.1141258	0.2200000	1.0800000
alcohol	4898	10.5142670	1.2306206	8.0000000	14.2000000
quality	4898	5.8779094	0.8856386	3.0000000	9.0000000



Distributing the percentage of wine quality

The CORR Procedure

1 With Variables:	quality
11 Variables:	residual sugar volatile acidity alcohol sulphates fixed acidity citric acid chlorides free sulfur dioxide total sulfur dioxide pH density

Pearson Correlation Coefficients, N = 3961											
	residual sugar	volatile acidity	alcohol	sulphates	fixed acidity	citric acid	chlorides	free sulfur dioxide	total sulfur dioxide	pH	density
quality	-0.11734	-0.19068	0.46287	0.05320	-0.12464	0.00706	-0.21774	0.01051	-0.18336	0.12383	-0.33780

