

P_Score is your total points as a percentage of the mean for mastery.

Z_SCORE is your P_Score converted into a Z.

???????? indicates that the student has not yet provided a grade posting ID.

The mean for mastery is 158.5. To see how P and z grades are calculated go [here](#).

ID	P_Score	Z_Score	pgrade	zgrade	higher grade
????????	88	-0.19002	3.3	2.0	3.3 3.3 = B+
????????	87	-0.30879	3.3	2.0	3.3 3.3 = B+
????????	68	-2.56532	1.3	0.0	1.3 1.3 = D+
????????	86	-0.42755	3.0	1.7	3.0 3 = B.
????????	78	-1.37767	2.3	0.7	2.3 2.3 = C+
a1312znt	93	0.40380	3.7	2.7	3.7 3.7 = A-
a18167890	91	0.16627	3.7	2.3	3.7 3.7 = A-
a5132023	96	0.76010	4.0	3.3	4.0 4 = A.
c1267120	79	-1.25891	2.3	0.7	2.3 2.3 = C+
carecu25	102	1.47268	4.3	4.0	4.3 4.3 = A+
dtiana1\$	83	-0.78385	3.0	1.3	3.0 3 = B.
e2828333	98	0.99762	4.3	3.3	4.3 4.3 = A+
emor@0905	91	0.16627	3.7	2.3	3.7 3.7 = A-
h146410!	85	-0.54632	3.0	1.7	3.0 3 = B.
hxhkzgf9	97	0.87886	4.0	3.3	4.0 4 = A.
imrsqd23	95	0.64133	4.0	3.0	4.0 4 = A.
o6232109	98	0.99762	4.3	3.3	4.3 4.3 = A+
primrose24	95	0.64133	4.0	3.0	4.0 4 = A.
x3459873	62	-3.27791	0.7	0.0	0.7 0.7 = D-
x5690931	93	0.40380	3.7	2.7	3.7 3.7 = A-

The FREQ Procedure

Letter_Grade	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A	11	55.00	11	55.00
B	5	25.00	16	80.00
C	2	10.00	18	90.00
D	2	10.00	20	100.00

The UNIVARIATE Procedure
Variable: P_Score

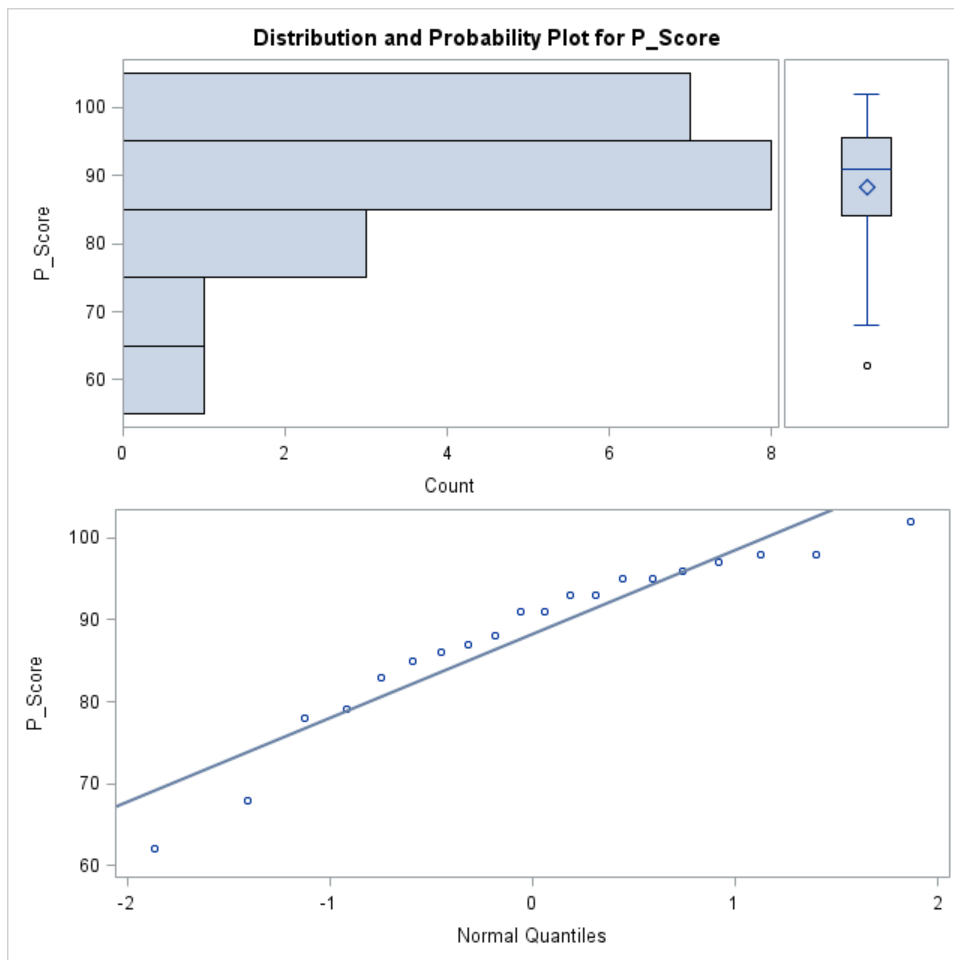
Moments

N	20	Sum Weights	20
Mean	88.25	Sum Observations	1765
Std Deviation	10.2642712	Variance	105.355263
Skewness	-1.1893142	Kurtosis	1.21691443

Basic Statistical Measures

Location		Variability	
Mean	88.25000	Std Deviation	10.26427
Median	91.00000	Variance	105.35526
Mode	91.00000	Range	40.00000
		Interquartile Range	11.50000

Note: The mode displayed is the smallest of 4 modes with a count of 2.



Stats after deleting outliers

The UNIVARIATE Procedure
Variable: P_Score

Moments

N	19	Sum Weights	19
Mean	89.6315789	Sum Observations	1703
Std Deviation	8.42094298	Variance	70.9122807
Skewness	-0.9613234	Kurtosis	0.93938012

Basic Statistical Measures

Location		Variability	
Mean	89.63158	Std Deviation	8.42094
Median	91.00000	Variance	70.91228
Mode	91.00000	Range	34.00000
		Interquartile Range	11.00000

Note: The mode displayed is the smallest of 4 modes with a count of 2.

