

Task 3: Calculate Summary statistics

We have to calculate mean median mode and standard deviation of datasets

So here we calculate mean median mode and standard deviation of Ages

So, for mean we use formula =average(select Age values)

For median, we use formula =median(select Age values)

For Mode, we use formula = MODE.SNGL(Select Age Values)

For Standard Deviation, we use formula = STDEV.S(Select Age Values)

And for columns autofill the cells.

For mean:

53	Theo Pinc	SG	27	DAL		Theo Pinc	SG	27	DAL
54	Scotty Pip	PG	22	LAL		Scotty Pip	PG	22	LAL
55	Jakob Poel	C	27	TOT		Jakob Poel	C	27	TOT
56	Jakob Poel	C	27	SAS		Jakob Poel	C	27	SAS
57	Aleksej Pol	PF	21	OKC		Aleksej Pol	PF	21	OKC
58	Jordan Poc	PG	23	GSW		Jordan Poc	PG	23	GSW
59	Kevin Port	PG	22	HOU		Kevin Port	PG	22	HOU
60	Michael Pc	SF	24	DEN		Michael Pc	SF	24	DEN
61	Otto Porte	SF	29	TOR		Otto Porte	SF	29	TOR
62	Bobby Por	PF	27	MIL		Bobby Por	PF	27	MIL
63	Kristaps Pc	C	27	WAS		Kristaps Pc	C	27	WAS
64	Dwight Po	C	31	DAL		Dwight Po	C	31	DAL
65	Norman Pi	SG	29	LAC		Norman Pi	SG	29	LAC
66	Jason Pres	PG	23	LAC		Jason Pres	PG	23	LAC
67	Joshua Prii	SG	20	SAS		Joshua Prii	SG	20	SAS
68	Taurean Pi	PF	28	MIN		Taurean Pi	PF	28	MIN
69	Payton Pri	PG	25	BOS		Payton Pri	PG	25	BOS
70	Trevelin Q	SG	25	IND		Trevelin Q	SG	25	IND
71	Immanuel	SG	23	NYK		Immanuel	SG	23	NYK
72	Lester Qui	SG	22	GSW		Lester Qui	SG	22	GSW
73	Julius Ranc	PF	28	NYK		Julius Ranc	PF	28	NYK
74	Austin Rea	SG	24	LAL		Austin Rea	SG	24	LAL
75	Cam Reddi	SF	23	TOT		Cam Reddi	SF	23	TOT
76		Mean	=average(Table13[Age])				Mean	26.32278	#DIV/0!
77		Median	#NUM!				Median	#NUM!	#NUM!
78		Mode	#N/A				Mode	#N/A	#N/A
79		Standard Deviation	#DIV/0!		23		Standard Deviation	#DIV/0!	#DIV/0!

For median

Theo Pinc	SG	27	DAL
Scotty Pip	PG	22	LAL
Jakob Poel	C	27	TOT
Jakob Poel	C	27	SAS
Aleksej Pol	PF	21	OKC
Jordan Poc	PG	23	GSW
Kevin Port	PG	22	HOU
Michael Pc	SF	24	DEN
Otto Porte	SF	29	TOR
Bobby Por	PF	27	MIL
Kristaps Pc	C	27	WAS
Dwight Po	C	31	DAL
Norman Pi	SG	29	LAC
Jason Pres	PG	23	LAC
Joshua Prii	SG	20	SAS
Taurean Pi	PF	28	MIN
Payton Pri	PG	25	BOS
Trevelin Q	SG	25	IND
Immanuel	SG	23	NYK
Lester Qui	SG	22	GSW
Julius Ranc	PF	28	NYK
Austin Rea	SG	24	LAL
Cam Reddi	SF	23	TOT
	Mean	26.32278	#DIV/0!
	Median	=median(Table13[Age])	
	Mode	#N/A	
	Standard Deviation	#DIV/0!	

A	B	C
Theo Pinc	SG	27
Scotty Pip	PG	22
Jakob Poel	C	27
Jakob Poel	C	27
Aleksej Pol	PF	21
Jordan Poc	PG	23
Kevin Port	PG	22
Michael Pc	SF	24
Otto Porte	SF	29
Bobby Por	PF	27
Kristaps Pc	C	27
Dwight Po	C	31
Norman Pi	SG	29
Jason Pres	PG	23
Joshua Prii	SG	20
Taurean Pi	PF	28
Payton Pri	PG	25
Trevelin Q	SG	25
Immanuel	SG	23
Lester Qui	SG	22
Julius Ranc	PF	28
Austin Rea	SG	24
Cam Reddi	SF	23
	Mean	26.32278
	Median	25
	Mode	
	Standard Deviation	

For Mode i.e= mode.sngl

78					C478				
=MODE.SNGL(Table13[Age])					=MODE.SNGL(Table13[Age])				
A	B	C	D	E	A	B	C	D	E
Theo Pinc	SG	27	DAL		Theo Pinc	SG	27	DAL	
Scotty Pip	PG	22	LAL		Scotty Pip	PG	22	LAL	
Jakob Poel	C	27	TOT		Jakob Poel	C	27	TOT	
Jakob Poel	C	27	SAS		Jakob Poel	C	27	SAS	
Aleksej Pol	PF	21	OKC		Aleksej Pol	PF	21	OKC	
Jordan Por	PG	23	GSW		Jordan Por	PG	23	GSW	
Kevin Port	PG	22	HOU		Kevin Port	PG	22	HOU	
Michael Pc	SF	24	DEN		Michael Pc	SF	24	DEN	
Otto Porte	SF	29	TOR		Otto Porte	SF	29	TOR	
Bobby Por	PF	27	MIL		Bobby Por	PF	27	MIL	
Kristaps Pc	C	27	WAS		Kristaps Pc	C	27	WAS	
Dwight Po	C	31	DAL		Dwight Po	C	31	DAL	
Norman P	SG	29	LAC		Norman P	SG	29	LAC	
Jason Pres	PG	23	LAC		Jason Pres	PG	23	LAC	
Joshua Pri	SG	20	SAS		Joshua Pri	SG	20	SAS	
Taurean P	PF	28	MIN		Taurean P	PF	28	MIN	
Payton Pri	PG	25	BOS		Payton Pri	PG	25	BOS	
Trevelin Q	SG	25	IND		Trevelin Q	SG	25	IND	
Immanuel	SG	23	NYK		Immanuel	SG	23	NYK	
Lester Qui	SG	22	GSW		Lester Qui	SG	22	GSW	
Julius Ranc	PF	28	NYK		Julius Ranc	PF	28	NYK	
Austin Rea	SG	24	LAL		Austin Rea	SG	24	LAL	
Cam Reddi	SF	23	TOT		Cam Reddi	SF	23	TOT	
Mean		26.32278	#DIV/0!	46.65	Mean		26.32278		
Median		25	#NUM!		Median		25		
Mode		=MODE.SNGL(Table13[Age])			Mode		23		
Standard Deviation			#DIV/0!	23.438	Standard Deviation				

For Standard Deviation =STDEV.S(Ages)

C475					C480				
=stdev.s(Table13[Age])					=stdev.s(Table13[Age])				
A	B	C	D	E	A	B	C	D	E
Theo Pinc	SG	27	DAL		Scotty Pip	PG	22	LAL	
Scotty Pip	PG	22	LAL		Jakob Poel	C	27	TOT	
Jakob Poel	C	27	TOT		Jakob Poel	C	27	SAS	
Jakob Poel	C	27	SAS		Aleksej Pol	PF	21	OKC	
Aleksej Pol	PF	21	OKC		Jordan Por	PG	23	GSW	
Jordan Por	PG	23	GSW		Kevin Port	PG	22	HOU	
Kevin Port	PG	22	HOU		Michael Pc	SF	24	DEN	
Michael Pc	SF	24	DEN		Otto Porte	SF	29	TOR	
Otto Porte	SF	29	TOR		Bobby Por	PF	27	MIL	
Bobby Por	PF	27	MIL		Kristaps Pc	C	27	WAS	
Kristaps Pc	C	27	WAS		Dwight Po	C	31	DAL	
Dwight Po	C	31	DAL		Norman P	SG	29	LAC	
Norman P	SG	29	LAC		Jason Pres	PG	23	LAC	
Jason Pres	PG	23	LAC		Joshua Pri	SG	20	SAS	
Joshua Pri	SG	20	SAS		Taurean P	PF	28	MIN	
Taurean P	PF	28	MIN		Payton Pri	PG	25	BOS	
Payton Pri	PG	25	BOS		Trevelin Q	SG	25	IND	
Trevelin Q	SG	25	IND		Immanuel	SG	23	NYK	
Immanuel	SG	23	NYK		Lester Qui	SG	22	GSW	
Lester Qui	SG	22	GSW		Julius Ranc	PF	28	NYK	
Julius Ranc	PF	28	NYK		Austin Rea	SG	24	LAL	
Austin Rea	SG	24	LAL		Cam Reddi	SF	23	TOT	
Cam Reddi	SF	23	TOT		Mean		26.32278		
Mean		26.32278	#DIV/0!		Median		25		
Median		25	#NUM!		Mode		23		
Mode		23	#N/A		Standard Deviation		4.48856		
Standard Deviation		=stdev.s(Table13[Age])							

Autofill all Columns for calculating summary statistics of datasets

Mean	26.32278	#DIV/0!	46.6519	21.81435	20.53671	3.485232	7.422152	0.465278	1.10865	3.051266	0.334196	2.380802	4.372996	0.537061	0.540498	1.50654	1.926582	0.758618	0.848734
Median	25	#NUM!	50	7	19.55	2.7	6.05	0.456	0.95	2.7	0.353	1.7	3.2	0.534	0.539	1	1.3	0.771	0.7
Mode	23	#N/A	67	0	15	2.1	4.4	0.5	0	2.5	0	1	2.3	0.5	0.5	0.6	0.8	1	0.4
Standard Deviation	4.48856	#DIV/0!	23.43862	26.47084	9.072956	2.424599	4.892212	0.079384	0.870511	2.202979	0.115075	1.975021	3.51667	0.102381	0.07313	1.552907	1.865093	0.140713	0.693162

Shaikh Jasmin Kauser