

1:- stepwise

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.814 ^a	.662	.650	8.31619
2	.936 ^b	.876	.867	5.12538
3	.975 ^c	.951	.945	3.30523
4	.983 ^d	.967	.962	2.75469
5	.990 ^e	.980	.976	2.18253
6	.997 ^f	.994	.992	1.24246
7	.999 ^g	.999	.998	.60675
8	1.000 ^h	1.000	1.000	.26789
9	1.000 ⁱ	1.000	1.000	.00000

a. Predictors: (Constant), X5

b. Predictors: (Constant), X5, X1

c. Predictors: (Constant), X5, X1, X3

d. Predictors: (Constant), X5, X1, X3, X6

e. Predictors: (Constant), X5, X1, X3, X6, X8

f. Predictors: (Constant), X5, X1, X3, X6, X8, X2

g. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7

h. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7, X4

i. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7, X4, X9

ANOVA

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	3660.261	1	3660.261	52.925	.000 ^a
	Residual	1867.292	27	69.159		
	Total	5527.554	28			
2	Regression	4844.545	2	2422.273	92.208	.000 ^b
	Residual	683.008	26	26.270		
	Total	5527.554	28			
3	Regression	5254.440	3	1751.480	160.325	.000 ^c
	Residual	273.113	25	10.925		
	Total	5527.554	28			
4	Regression	5345.434	4	1336.358	176.107	.000 ^d
	Residual	182.120	24	7.588		
	Total	5527.554	28			
5	Regression	5417.994	5	1083.599	227.482	.000 ^e
	Residual	109.559	23	4.763		
	Total	5527.554	28			
6	Regression	5493.592	6	915.599	593.117	.000 ^f
	Residual	33.962	22	1.544		
	Total	5527.554	28			
7	Regression	5519.822	7	788.546	2141.922	.000 ^g
	Residual	7.731	21	.368		
	Total	5527.554	28			
8	Regression	5526.118	8	690.765	9625.355	.000 ^h
	Residual	1.435	20	.072		
	Total	5527.554	28			
9	Regression	5527.554	9	614.173	3.1E+16	.000 ⁱ
	Residual	.000	19	.000		
	Total	5527.554	28			

a. Predictors: (Constant), X5

b. Predictors: (Constant), X5, X1

c. Predictors: (Constant), X5, X1, X3

d. Predictors: (Constant), X5, X1, X3, X6

e. Predictors: (Constant), X5, X1, X3, X6, X8

f. Predictors: (Constant), X5, X1, X3, X6, X8, X2

g. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7

h. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7, X4

i. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7, X4, X9

j. Dependent Variable: Y1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	37.071	5.077		7.302	.000
	X5	1.938	.266	.814	7.275	.000
2	(Constant)	22.545	3.804		5.927	.000
	X5	1.602	.172	.673	9.336	.000
	X1	1.588	.237	.484	6.714	.000
3	(Constant)	20.783	2.470		8.414	.000
	X5	1.359	.118	.570	11.551	.000
	X1	1.293	.160	.394	8.089	.000
	X3	1.644	.268	.313	6.125	.000
4	(Constant)	17.569	2.258		7.780	.000
	X5	1.124	.119	.472	9.436	.000
	X1	1.268	.133	.387	9.503	.000
	X3	1.701	.224	.324	7.582	.000
	X6	1.111	.321	.161	3.463	.002
5	(Constant)	11.262	2.411		4.672	.000
	X5	.891	.112	.374	7.978	.000
	X1	1.227	.106	.374	11.542	.000
	X3	1.682	.178	.320	9.465	.000
	X6	1.178	.255	.170	4.623	.000
	X8	.824	.211	.151	3.903	.001
6	(Constant)	7.114	1.495		4.759	.000
	X5	.957	.064	.402	14.886	.000
	X1	1.002	.068	.305	14.638	.000
	X3	1.325	.113	.252	11.682	.000
	X6	1.360	.147	.197	9.230	.000
	X8	.958	.122	.176	7.871	.000
7	(Constant)	7.114	1.495		4.759	.000
	X5	.957	.064	.402	14.886	.000
	X1	1.002	.068	.305	14.638	.000
	X3	1.325	.113	.252	11.682	.000
	X6	1.360	.147	.197	9.230	.000
	X8	.958	.122	.176	7.871	.000
	X2	1.025	.146	.157	6.998	.000
	X7	1.116	.132	.097	8.441	.000
8	(Constant)	3.893	.824		4.726	.000
	X5	.962	.031	.404	30.626	.000
	X1	1.037	.034	.316	30.775	.000
	X3	.999	.067	.190	14.806	.000
	X6	1.143	.076	.165	14.947	.000
	X8	1.027	.060	.188	17.122	.000
	X2	1.005	.072	.154	14.052	.000
	X7	1.116	.132	.097	8.441	.000
9	(Constant)	1.536	.442		3.473	.002
	X5	.990	.014	.416	69.745	.000
	X1	1.001	.015	.305	65.211	.000
	X3	1.016	.030	.193	34.041	.000
	X6	1.056	.035	.153	30.150	.000
	X8	1.044	.027	.191	39.312	.000
	X2	1.008	.032	.155	31.913	.000
	X7	.977	.060	.084	16.212	.000
9	(Constant)	4.981E-15	.000		.000	1.000
	X5	1.000	.000	.420	1.3E+08	.000
	X1	1.000	.000	.305	1.2E+08	.000
	X3	1.000	.000	.190	6.4E+07	.000
	X6	1.000	.000	.145	5.1E+07	.000
	X8	1.000	.000	.183	6.8E+07	.000
	X2	1.000	.000	.154	6.0E+07	.000
	X7	1.000	.000	.087	3.2E+07	.000
9	X4	1.000	.000	.033	1.5E+07	.000
	X9	1.000	.000	.021	8537276	.000

a. Dependent Variable: Y1

2:- remove

Variables Entered/Removed^c

Model	Variables Entered	Variables Removed	Method
1	X9, X2, X7, X4, X5, X1, X8, X6, X3 ^a	.	Enter
2	.	X5, X3, X6, X1, X9, X7, X2, X8, X4 ^b	Remove

a. All requested variables entered.

b. All requested variables removed.

c. Dependent Variable: Y1

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	1.000 ^a	1.000	1.000	.00000
2	.000 ^b	.000	.000	14.05036

a. Predictors: (Constant), X9, X2, X7, X4, X5, X1, X8, X6, X3

b. Predictor: (constant)

ANOVA^c

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5527.554	9	614.173	.	. ^a
	Residual	.000	19	.000		
	Total	5527.554	28			
2	Regression	.000	0	.000	.	. ^b
	Residual	5527.554	28	197.413		
	Total	5527.554	28			

a. Predictors: (Constant), X9, X2, X7, X4, X5, X1, X8, X6, X3

b. Predictor: (constant)

c. Dependent Variable: Y1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-2.36E-15	.000		.	.
	X1	1.000	.000	.305	.	.
	X2	1.000	.000	.154	.	.
	X3	1.000	.000	.190	.	.
	X4	1.000	.000	.033	.	.
	X5	1.000	.000	.420	.	.
	X6	1.000	.000	.145	.	.
	X7	1.000	.000	.087	.	.
	X8	1.000	.000	.183	.	.
	X9	1.000	.000	.021	.	.
2	(Constant)	72.255	2.609		27.694	.000

a. Dependent Variable: Y1

3:- backward

Variables Entered/Removed^a

Model	Variables Entered	Variables Removed	Method
1	X9, X2, X7, X4, X5, X1, X8, X6, X3 ^a	.	Enter

a. All requested variables entered.

b. Dependent Variable: Y1

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	1.000 ^a	1.000	1.000	.00000

a. Predictors: (Constant), X9, X2, X7, X4, X5, X1, X8, X6, X3

ANOVA^b

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5527.554	9	614.173	.	. ^a
	Residual	.000	19	.000		
	Total	5527.554	28			

a. Predictors: (Constant), X9, X2, X7, X4, X5, X1, X8, X6, X3

b. Dependent Variable: Y1

Coefficients^a

Model	Unstandardized Coefficients		Standardized Coefficients	t	Sig.
	B	Std. Error	Beta		
1 (Constant)	-2.36E-15	.000		.	.
X1	1.000	.000	.305	.	.
X2	1.000	.000	.154	.	.
X3	1.000	.000	.190	.	.
X4	1.000	.000	.033	.	.
X5	1.000	.000	.420	.	.
X6	1.000	.000	.145	.	.
X7	1.000	.000	.087	.	.
X8	1.000	.000	.183	.	.
X9	1.000	.000	.021	.	.

a. Dependent Variable: Y1

4:- forward

Model Summary

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1	.814 ^a	.662	.650	8.31619
2	.936 ^b	.876	.867	5.12538
3	.975 ^c	.951	.945	3.30523
4	.983 ^d	.967	.962	2.75469
5	.990 ^e	.980	.976	2.18253
6	.997 ^f	.994	.992	1.24246
7	.999 ^g	.999	.998	.60675
8	1.000 ^h	1.000	1.000	.26789
9	1.000 ⁱ	1.000	1.000	.00000

a. Predictors: (Constant), X5

b. Predictors: (Constant), X5, X1

c. Predictors: (Constant), X5, X1, X3

d. Predictors: (Constant), X5, X1, X3, X6

e. Predictors: (Constant), X5, X1, X3, X6, X8

f. Predictors: (Constant), X5, X1, X3, X6, X8, X2

g. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7

h. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7, X4

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	Residual	109.559	23	4.763		
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	Residual	33.962	22	1.544		
	Total	5527.554	28			
7	Regression	5519.822	7	788.546	2141.922	.000 ^g
	Residual	7.731	21	.368		
	Total	5527.554	28			
8	Regression	5526.118	8	690.765	9625.355	.000 ^h
	Residual	1.435	20	.072		
	Total	5527.554	28			
9	Regression	5527.554	9	614.173	3.1E+16	.000 ⁱ
	Residual	.000	19	.000		
	Total	5527.554	28			

a. Predictors: (Constant), X5

b. Predictors: (Constant), X5, X1

c. Predictors: (Constant), X5, X1, X3

d. Predictors: (Constant), X5, X1, X3, X6

e. Predictors: (Constant), X5, X1, X3, X6, X8

f. Predictors: (Constant), X5, X1, X3, X6, X8, X2

g. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7

h. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7, X4

i. Predictors: (Constant), X5, X1, X3, X6, X8, X2, X7, X4, X9

j. Dependent Variable: Y1

Coefficients^a

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	37.071	5.077		7.302	.000
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2	(Constant)	22.545	3.804		5.927	.000
	X5	1.602	.172	.673	9.336	.000
	X1	1.588	.237	.484	6.714	.000
3	(Constant)	20.783	2.470		8.414	.000
	X5	1.359	.118	.570	11.551	.000
	X1	1.293	.160	.394	8.089	.000
	X3	1.644	.268	.313	6.125	.000
4	(Constant)	17.569	2.258		7.780	.000
	X5	1.124	.119	.472	9.436	.000
	X1	1.268	.133	.387	9.503	.000
	X3	1.701	.224	.324	7.582	.000
	X6	1.111	.321	.161	3.463	.002
5	(Constant)	11.262	2.411		4.672	.000
	X5	.891	.112	.374	7.978	.000
	X1	1.227	.106	.374	11.542	.000
	X3	1.682	.178	.320	9.465	.000
	X6	1.178	.255	.170	4.623	.000
	X8	.824	.211	.151	3.903	.001
6	(Constant)	7.114	1.495		4.759	.000
	X5	.957	.064	.402	14.886	.000
	X1	1.002	.068	.305	14.638	.000
	X3	1.325	.113	.252	11.682	.000
	X6	1.360	.147	.197	9.230	.000
	X8	.958	.122	.176	7.871	.000
7	(Constant)	7.114	1.495		4.759	.000
	X5	.957	.064	.402	14.886	.000
	X1	1.002	.068	.305	14.638	.000
	X3	1.325	.113	.252	11.682	.000
	X6	1.360	.147	.197	9.230	.000
	X8	.958	.122	.176	7.871	.000
	X2	1.025	.146	.157	6.998	.000
	X7	1.116	.132	.097	8.441	.000
8	(Constant)	3.893	.824		4.726	.000
	X5	.962	.031	.404	30.626	.000
	X1	1.037	.034	.316	30.775	.000
	X3	.999	.067	.190	14.806	.000
	X6	1.143	.076	.165	14.947	.000
	X8	1.027	.060	.188	17.122	.000
	X2	1.005	.072	.154	14.052	.000
	X7	1.116	.132	.097	8.441	.000
9	(Constant)	1.536	.442		3.473	.002
	X5	.990	.014	.416	69.745	.000
	X1	1.001	.015	.305	65.211	.000
	X3	1.016	.030	.193	34.041	.000
	X6	1.056	.035	.153	30.150	.000
	X8	1.044	.027	.191	39.312	.000
	X2	1.008	.032	.155	31.913	.000
	X7	.977	.060	.084	16.212	.000
9	(Constant)	4.981E-15	.000		.000	1.000
	X5	1.000	.000	.420	1.3E+08	.000
	X1	1.000	.000	.305	1.2E+08	.000
	X3	1.000	.000	.190	6.4E+07	.000
	X6	1.000	.000	.145	5.1E+07	.000
	X8	1.000	.000	.183	6.8E+07	.000
	X2	1.000	.000	.154	6.0E+07	.000
	X7	1.000	.000	.087	3.2E+07	.000
9	X4	1.000	.000	.033	1.5E+07	.000
	X9	1.000	.000	.021	8537276	.000

a. Dependent Variable: Y1