Negocio de Aguacate

Tabla de probabilidades

Dia	Numero ventas reales del dia	Probabilidad	Probabilidad acumulada	Limite inferior	Limite superior
1.0	12.0	0.05217391304347826	0.052173913043478265	0.0	0.052173913043478265
2.0	10.0	0.043478260869565216	0.09565217391304348	0.05217391304347826	0.09565217391304348
3.0	50.0	0.21739130434782608	0.31304347826086953	0.09565217391304348	0.31304347826086953
4.0	30.0	0.13043478260869565	0.4434782608695652	0.31304347826086953	0.4434782608695652
5.0	10.0	0.043478260869565216	0.4869565217391304	0.4434782608695652	0.4869565217391304
6.0	14.0	0.06086956521739131	0.5478260869565217	0.4869565217391304	0.5478260869565217
7.0	15.0	0.06521739130434782	0.6130434782608695	0.5478260869565217	0.6130434782608695
8.0	21.0	0.09130434782608696	0.7043478260869565	0.6130434782608695	0.7043478260869565
9.0	54.0	0.23478260869565218	0.9391304347826086	0.7043478260869565	0.9391304347826086
10.0	14.0	0.06086956521739131	0.9999999999999999	0.9391304347826086	0.9999999999999999

Total de ventas reales en el periodo: 230.0

Costos y precios

Concepto	Monto ($)
Renta	10000.0
Servicio	4000.0
Salario administrativos	5000.0
Salario ventas	5000.0
Costo produccion unidad	10.0
Precio venta unidad	30.0
Gasto produccion periodo	24000.0
Gasto produccion diario	2400.0

Escenarios

Escenario #1

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.262229508196721313	50.0	1000.0	-1400.0
2.0	0.5901639344262295	15.0	300.0	-2100.0
3.0	0.9180327868852459	54.0	1080.0	-1320.0
4.0	0.2459016393442623	50.0	1000.0	-1400.0
5.0	0.5737704918032787	15.0	300.0	-2100.0
6.0	0.9016393442622951	54.0	1080.0	-1320.0
7.0	0.22950819672131148	50.0	1000.0	-1400.0
8.0	0.5573770491803278	15.0	300.0	-2100.0
9.0	0.8852459016393442	54.0	1080.0	-1320.0
10.0	0.21311475409836064	50.0	1000.0	-1400.0

Escenario #2

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.5132743362831859	14.0	280.0	-2120.0
2.0	0.1415929203539823	50.0	1000.0	-1400.0
3.0	0.35398230088495575	30.0	600.0	-1800.0
4.0	0.9469026548672567	14.0	280.0	-2120.0
5.0	0.8938053097345132	54.0	1080.0	-1320.0
6.0	0.49557522123893805	14.0	280.0	-2120.0
7.0	0.008849557522123894	12.0	240.0	-2160.0

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
8.0	0.8584070796460177	54.0	1080.0	-1320.0
9.0	0.23008849557522124	50.0	1000.0	-1400.0
10.0	0.017699115044247787	12.0	240.0	-2160.0

Escenario #3

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.4782608695652174	10.0	200.0	-2200.0
2.0	0.7304347826086957	54.0	1080.0	-1320.0
3.0	0.8869565217391304	54.0	1080.0	-1320.0
4.0	0.1565217391304348	50.0	1000.0	-1400.0
5.0	0.5652173913043478	15.0	300.0	-2100.0
6.0	0.991304347826087	14.0	280.0	-2120.0
7.0	0.6695652173913044	21.0	420.0	-1980.0
8.0	0.5043478260869565	14.0	280.0	-2120.0
9.0	0.6086956521739131	15.0	300.0	-2100.0
10.0	0.12173913043478261	50.0	1000.0	-1400.0

Escenario #4

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.5620437956204379	15.0	300.0	-2100.0
2.0	0.18248175182481752	50.0	1000.0	-1400.0
3.0	0.5766423357664233	15.0	300.0	-2100.0
4.0	0.32116788321167883	30.0	600.0	-1800.0
5.0	0.39416058394160586	30.0	600.0	-1800.0
6.0	0.08759124087591241	10.0	200.0	-2200.0
7.0	0.17518248175182483	50.0	1000.0	-1400.0
8.0	0.0072992700729927005	12.0	240.0	-2160.0
9.0	0.9124087591240876	54.0	1080.0	-1320.0
10.0	0.5109489051094891	14.0	280.0	-2120.0

Escenario #5

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.6287878787878788	21.0	420.0	-1980.0
2.0	0.9924242424242424	14.0	280.0	-2120.0
3.0	0.8106060606060606	54.0	1080.0	-1320.0
4.0	0.9015151515151515	54.0	1080.0	-1320.0
5.0	0.3560606060606061	30.0	600.0	-1800.0
6.0	0.6287878787878788	21.0	420.0	-1980.0
7.0	0.9924242424242424	14.0	280.0	-2120.0
8.0	0.8106060606060606	54.0	1080.0	-1320.0
9.0	0.9015151515151515	54.0	1080.0	-1320.0
10.0	0.3560606060606061	30.0	600.0	-1800.0

Escenario #6

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.9545454545454546	14.0	280.0	-2120.0
2.0	0.15454545454545454	50.0	1000.0	-1400.0
3.0	0.5545454545454546	15.0	300.0	-2100.0
4.0	0.35454545454545455	30.0	600.0	-1800.0
5.0	0.9545454545454546	14.0	280.0	-2120.0
6.0	0.15454545454545454	50.0	1000.0	-1400.0
7.0	0.5545454545454546	15.0	300.0	-2100.0

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
8.0	0.35454545454545455	30.0	600.0	-1800.0
9.0	0.9545454545454546	14.0	280.0	-2120.0
10.0	0.15454545454545454	50.0	1000.0	-1400.0

Escenario #7

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.5897435897435898	15.0	300.0	-2100.0
2.0	0.27350427350427353	50.0	1000.0	-1400.0
3.0	0.9829059829059829	14.0	280.0	-2120.0
4.0	0.2564102564102564	50.0	1000.0	-1400.0
5.0	0.9401709401709402	14.0	280.0	-2120.0
6.0	0.6495726495726496	21.0	420.0	-1980.0
7.0	0.9230769230769231	54.0	1080.0	-1320.0
8.0	0.6068376068376068	15.0	300.0	-2100.0
9.0	0.3162393162393162	30.0	600.0	-1800.0
10.0	0.5897435897435898	15.0	300.0	-2100.0

Escenario #8

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.3504273504273504	30.0	600.0	-1800.0
2.0	0.9658119658119658	14.0	280.0	-2120.0
3.0	0.042735042735042736	12.0	240.0	-2160.0
4.0	0.42735042735042733	30.0	600.0	-1800.0
5.0	0.3504273504273504	30.0	600.0	-1800.0
6.0	0.9658119658119658	14.0	280.0	-2120.0
7.0	0.042735042735042736	12.0	240.0	-2160.0
8.0	0.42735042735042733	30.0	600.0	-1800.0
9.0	0.3504273504273504	30.0	600.0	-1800.0
10.0	0.9658119658119658	14.0	280.0	-2120.0

Escenario #9

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.5373134328358209	14.0	280.0	-2120.0
2.0	0.3208955223880597	30.0	600.0	-1800.0
3.0	0.3880597014925373	30.0	600.0	-1800.0
4.0	0.022388059701492536	12.0	240.0	-2160.0
5.0	0.7910447761194029	54.0	1080.0	-1320.0
6.0	0.8283582089552238	54.0	1080.0	-1320.0
7.0	0.40298507462686567	30.0	600.0	-1800.0
8.0	0.05223880597014925	10.0	200.0	-2200.0
9.0	0.8507462686567164	54.0	1080.0	-1320.0
10.0	0.9477611940298507	14.0	280.0	-2120.0

Escenario #10

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.6851851851851852	21.0	420.0	-1980.0
2.0	0.6574074074074074	21.0	420.0	-1980.0
3.0	0.2962962962962963	50.0	1000.0	-1400.0
4.0	0.6018518518518519	15.0	300.0	-2100.0
5.0	0.5740740740740741	15.0	300.0	-2100.0
6.0	0.21296296296296297	50.0	1000.0	-1400.0
7.0	0.5185185185185185	14.0	280.0	-2120.0

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
8.0	0.49074074074074076	14.0	280.0	-2120.0
9.0	0.12962962962962962	50.0	1000.0	-1400.0
10.0	0.4351851851851852	30.0	600.0	-1800.0

Escenario #11

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.2868217054263566	50.0	1000.0	-1400.0
2.0	0.3333333333333333	30.0	600.0	-1800.0
3.0	0.26356589147286824	50.0	1000.0	-1400.0
4.0	0.8682170542635659	54.0	1080.0	-1320.0
5.0	0.9612403100775194	14.0	280.0	-2120.0
6.0	0.8217054263565892	54.0	1080.0	-1320.0
7.0	0.031007751937984496	12.0	240.0	-2160.0
8.0	0.21705426356589147	50.0	1000.0	-1400.0
9.0	0.937984496124031	54.0	1080.0	-1320.0
10.0	0.35658914728682173	30.0	600.0	-1800.0

Escenario #12

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.23387096774193547	50.0	1000.0	-1400.0
2.0	0.3548387096774194	30.0	600.0	-1800.0
3.0	0.1532258064516129	50.0	1000.0	-1400.0
4.0	0.8225806451612904	54.0	1080.0	-1320.0
5.0	0.04032258064516129	12.0	240.0	-2160.0
6.0	0.6774193548387096	21.0	420.0	-1980.0
7.0	0.28225806451612906	50.0	1000.0	-1400.0
8.0	0.27419354838709675	50.0	1000.0	-1400.0
9.0	0.6209677419354839	21.0	420.0	-1980.0
10.0	0.7096774193548387	54.0	1080.0	-1320.0

Escenario #13

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.0	12.0	240.0	-2160.0
2.0	0.423728813559322	30.0	600.0	-1800.0
3.0	0.5932203389830508	15.0	300.0	-2100.0
4.0	0.6610169491525424	21.0	420.0	-1980.0
5.0	0.288135593220339	50.0	1000.0	-1400.0
6.0	0.3389830508474576	30.0	600.0	-1800.0
7.0	0.559322033898305	15.0	300.0	-2100.0
8.0	0.847457627118644	54.0	1080.0	-1320.0
9.0	0.7627118644067796	54.0	1080.0	-1320.0
10.0	0.7288135593220338	54.0	1080.0	-1320.0

Escenario #14

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.3504273504273504	30.0	600.0	-1800.0
2.0	0.9572649572649573	14.0	280.0	-2120.0
3.0	0.4358974358974359	30.0	600.0	-1800.0
4.0	0.9401709401709402	14.0	280.0	-2120.0
5.0	0.23931623931623933	50.0	1000.0	-1400.0
6.0	0.1794871794871795	50.0	1000.0	-1400.0
7.0	0.9914529914529915	14.0	280.0	-2120.0

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
8.0	0.8290598290598291	54.0	1080.0	-1320.0
9.0	0.46153846153846156	10.0	200.0	-2200.0
10.0	0.7350427350427351	54.0	1080.0	-1320.0

Escenario #15

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.42735042735042733	30.0	600.0	-1800.0
2.0	0.5042735042735043	14.0	280.0	-2120.0
3.0	0.042735042735042736	12.0	240.0	-2160.0
4.0	0.811965811965812	54.0	1080.0	-1320.0
5.0	0.19658119658119658	50.0	1000.0	-1400.0
6.0	0.8888888888888888	54.0	1080.0	-1320.0
7.0	0.7350427350427351	54.0	1080.0	-1320.0
8.0	0.6581196581196581	21.0	420.0	-1980.0
9.0	0.11965811965811966	50.0	1000.0	-1400.0
10.0	0.3504273504273504	30.0	600.0	-1800.0

Escenario #16

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.22608695652173913	50.0	1000.0	-1400.0
2.0	0.8434782608695652	54.0	1080.0	-1320.0
3.0	0.3826086956521739	30.0	600.0	-1800.0
4.0	0.8956521739130435	54.0	1080.0	-1320.0
5.0	0.4	30.0	600.0	-1800.0
6.0	0.23478260869565218	50.0	1000.0	-1400.0
7.0	0.5130434782608696	14.0	280.0	-2120.0
8.0	0.9391304347826087	14.0	280.0	-2120.0
9.0	0.7478260869565218	54.0	1080.0	-1320.0
10.0	0.017391304347826087	12.0	240.0	-2160.0

Escenario #17

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.954954954954955	14.0	280.0	-2120.0
2.0	0.6306306306306306	21.0	420.0	-1980.0
3.0	0.38738738738738737	30.0	600.0	-1800.0
4.0	0.954954954954955	14.0	280.0	-2120.0
5.0	0.6306306306306306	21.0	420.0	-1980.0
6.0	0.38738738738738737	30.0	600.0	-1800.0
7.0	0.954954954954955	14.0	280.0	-2120.0
8.0	0.6306306306306306	21.0	420.0	-1980.0
9.0	0.38738738738738737	30.0	600.0	-1800.0
10.0	0.954954954954955	14.0	280.0	-2120.0

Escenario #18

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.17647058823529413	50.0	1000.0	-1400.0
2.0	0.5514705882352942	15.0	300.0	-2100.0
3.0	0.42647058823529413941	30.0	600.0	-1800.0
4.0	0.8014705882352942	54.0	1080.0	-1320.0
5.0	0.6764705882352942	21.0	420.0	-1980.0
6.0	0.051470588235294115	12.0	240.0	-2160.0
7.0	0.9264705882352942	54.0	1080.0	-1320.0

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
8.0	0.3014705882352941	50.0	1000.0	-1400.0
9.0	0.17647058823529413	50.0	1000.0	-1400.0
10.0	0.5514705882352942	15.0	300.0	-2100.0

Escenario #19

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.2457627118644068	50.0	1000.0	-1400.0
2.0	0.09322033898305085	10.0	200.0	-2200.0
3.0	0.7203389830508474	54.0	1080.0	-1320.0
4.0	0.3644067796610169	30.0	600.0	-1800.0
5.0	0.16101694915254236	50.0	1000.0	-1400.0
6.0	0.3305084745762712	30.0	600.0	-1800.0
7.0	0.8559322033898306	54.0	1080.0	-1320.0
8.0	0.5847457627118644	15.0	300.0	-2100.0
9.0	0.1440677966101695	50.0	1000.0	-1400.0
10.0	0.17796610169491525	50.0	1000.0	-1400.0

Escenario #20

Dia	Pseudoaleatorio	Ventas	Ganancia por producto	Ganancia neta
1.0	0.9230769230769231	54.0	1080.0	-1320.0
2.0	0.3384615384615385	30.0	600.0	-1800.0
3.0	0.9230769230769231	54.0	1080.0	-1320.0
4.0	0.3384615384615385	30.0	600.0	-1800.0
5.0	0.9230769230769231	54.0	1080.0	-1320.0
6.0	0.3384615384615385	30.0	600.0	-1800.0
7.0	0.9230769230769231	54.0	1080.0	-1320.0
8.0	0.3384615384615385	30.0	600.0	-1800.0
9.0	0.9230769230769231	54.0	1080.0	-1320.0
10.0	0.3384615384615385	30.0	600.0	-1800.0

Variables estadisticas

Maximo beneficio	Minimo beneficio	Media muestral	Moda
-1320.0	-2100.0	40.7	50.0
-1320.0	-2160.0	30.4	14.0
-1320.0	-2200.0	29.7	0.0
-1320.0	-2200.0	28.0	0.0
-1320.0	-2120.0	34.6	54.0
-1400.0	-2120.0	28.2	50.0
-1320.0	-2120.0	27.8	15.0
-1800.0	-2160.0	21.6	30.0
-1320.0	-2200.0	30.2	0.0
-1400.0	-2120.0	28.0	50.0
-1320.0	-2160.0	39.8	0.0
-1320.0	-2160.0	39.2	50.0
-1320.0	-2160.0	33.5	54.0
-1320.0	-2200.0	32.0	14.0
-1320.0	-2160.0	36.9	54.0
-1320.0	-2160.0	36.2	54.0
-1800.0	-2120.0	20.9	0.0
-1320.0	-2160.0	35.1	50.0
-1320.0	-2200.0	39.3	50.0

Maximo beneficio	Minimo beneficio	Media muestral	Moda
-1320.0	-1800.0	42.0	54.0

*Si en moda el resultado es 0 (cero), significa que no hay moda en ese escenario.

Maximo beneficio	Minimo beneficio	Media muestral	Moda
-1320.0	-1800.0	42.0	54.0

*Si en moda el resultado es 0 (cero), significa que no hay moda en ese escenario.