

9. The sales activity at BestCar (see Example B.3) has changed. Weekly sales are now estimated to be distributed as follows:

Weekly Sales (cars)	Relative Frequency (probability)
0	0.02
1	0.03
2	0.05
3	0.10
4	0.15
5	0.30
6	0.20
7	0.10
8	<u>0.05</u>
Total	1.00

Create an Excel model that simulates 500 weeks at BestCar. It should calculate from the simulated experience the average number of cars and revenue per week and also a frequency table on car sales.

0. Keep the same weekly sales distribution for BestCar as in Example B.3, but assume that the price of cars is distributed as follows:

Sales Price (price/car)	Relative Frequency (probability)
\$18,000	0.15
\$20,000	0.35
\$22,000	0.35
\$24,000	0.10
\$26,000	<u>0.05</u>
Total	1.00

Create an Excel model that simulates 500 weeks at BestCar. It should calculate from the simulated experience the average number of cars and revenue per week and also a frequency table on car sales.