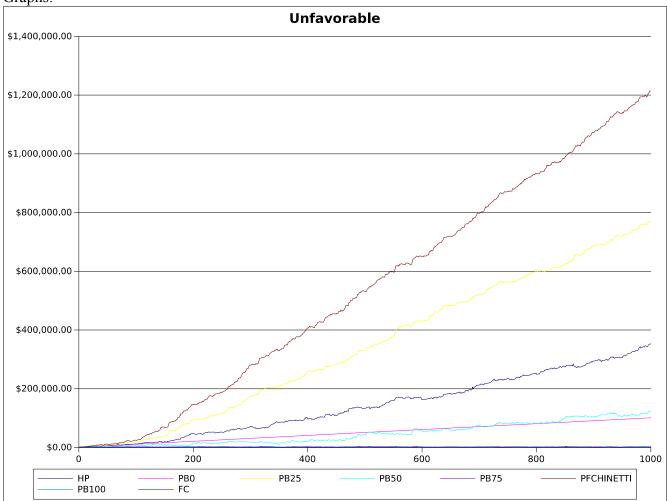
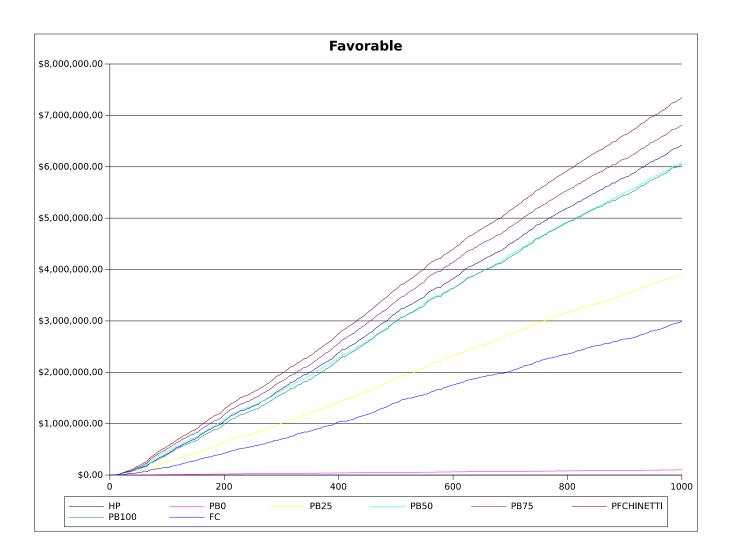
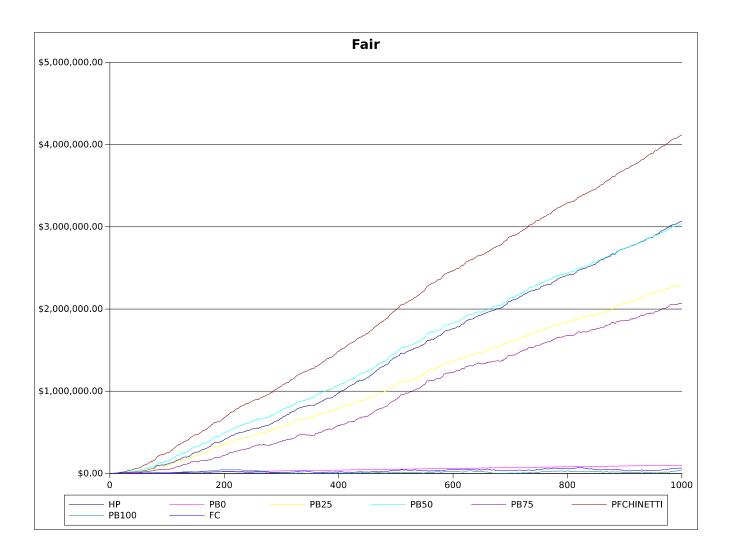
Peter Chinetti CS 480 Project – Part 1









Tables: Fair:

FC	HP	PB0	PB25	PB50	PB75	PFCHINETTI	PB100
\$1,063.06	\$1,326.53	\$1,100	\$1,290.03	\$1,258.63	\$1,264.05	\$1,326.53	\$1,204.13
\$1,040.06	\$1,488.90	\$1,200	\$1,564.52	\$1,456.39	\$1,399.10	\$1,601.02	\$1,198.97
\$1,056.88	\$1,612.24	\$1,300	\$1,655.42	\$1,547.28	\$1,490.43	\$1,707.33	\$1,196.35
\$1,069.16	\$1,887.87	\$1,400	\$1,691.93	\$1,648.21	\$1,669.68	\$2,032.58	\$1,194.78
\$1,124.49	\$2,130.99	\$1,500	\$1,813.44	\$1,974.36	\$1,837.66	\$2,353.31	\$1,246.41
\$1,186.07	\$2,432.16	\$1,600	\$1,957.65	\$2,129.86	\$2,043.37	\$2,609.49	\$1,443.34
\$1,425.32	\$2,758.52	\$1,700	\$2,288.52	\$2,566.84	\$2,331.44	\$3,109.30	\$1,584.16
\$1,519.69	\$2,500.90	\$1,800	\$2,534.61	\$2,775.19	\$2,351.55	\$3,363.14	\$1,551.24
\$1,742.36	\$3,041.22	\$1,900	\$3,052.99	\$3,359	\$2,927.10	\$4,256.40	\$1,650.61
\$1,840.09	\$3,164.94	\$2,000	\$3,293.91	\$3,627.10	\$3,174.68	\$4,715.22	\$1,742.49
\$65,061.38	\$3,042,328.30	\$100,200	\$2,279,654.40	\$3,012,012.27	\$2,061,015.33	\$4,085,713.61	\$32,131.66
\$63,090.23	\$3,044,145.92	\$100,300	\$2,279,355.34	\$3,011,131.05	\$2,057,065.15	\$4,089,365.40	\$31,936.03
\$63,586.27	\$3,051,443.20	\$100,400	\$2,286,435.39	\$3,018,547.52	\$2,064,481.62	\$4,097,309.34	\$34,435.09
\$65,584.20	\$3,052,261.94	\$100,500	\$2,285,612.98	\$3,020,380.33	\$2,063,444.42	\$4,097,265.78	\$36,217.96
\$67,039.52	\$3,059,582.41	\$100,600	\$2,288,984.29	\$3,028,000.03	\$2,068,789.98	\$4,105,096.19	\$38,963.09
\$68,726.85	\$3,060,311.31	\$100,700	\$2,289,503.66	\$3,029,244.38	\$2,069,309.57	\$4,106,717.33	\$40,950.34
\$65,309.16	\$3,063,563.34	\$100,800	\$2,290,192.55	\$3,033,192.19	\$2,069,150.28	\$4,112,032.80	\$38,096.47
\$62,148.73	\$3,061,932.61	\$100,900	\$2,294,115.75	\$3,038,303.95	\$2,066,600.57	\$4,114,935.55	\$39,705.83
\$65,279.26	\$3,063,321.68	\$101,000	\$2,293,884.43	\$3,038,724.34	\$2,067,642.56	\$4,118,608.84	\$43,325.07
Favorable:							

FC	HP	PB0	PB25	PB50	PB75	PFCHINETTI	PB100
\$1,136.15	\$1,355.96	\$1,100	\$1,290.03	\$1,331.72	\$1,410.20	\$1,399.08	\$1,350.29
\$1,225.91	\$1,575.31	\$1,200	\$1,564.52	\$1,529.47	\$1,726.73	\$1,582.97	\$1,527.38
\$1,309.44	\$1,635.84	\$1,300	\$1,682.80	\$1,647.75	\$1,846	\$1,706.35	\$1,594.36
\$1,450.02	\$2,102.26	\$1,400	\$1,825.33	\$1,959.07	\$2,294.12	\$2,196.88	\$1,889.15
\$1,504.27	\$2,247.37	\$1,500	\$2,082.53	\$2,470.36	\$2,747.69	\$2,556.90	\$2,096.96
\$1,545.39	\$2,594.80	\$1,600	\$2,230.28	\$2,630.07	\$3,000.31	\$2,888.23	\$2,392.72
\$1,854.89	\$3,228.23	\$1,700	\$2,790.13	\$3,355.08	\$3,807.21	\$3,525.17	\$3,005.51
\$2,088.73	\$3,485.18	\$1,800	\$3,190.73	\$3,745.48	\$4,394.40	\$3,635.73	\$3,342.27
\$2,372.16	\$4,304.73	\$1,900	\$3,995.53	\$4,757.70	\$5,629.54	\$4,390.14	\$4,077.39
\$2,827.27	\$4,985.07	\$2,000	\$4,134.03	\$5,154.80	\$6,384.36	\$5,092.80	\$4,823.25
\$2,958,905.63	\$6,374,275.31	\$100,200	\$3,873,038.61	\$6,032,445.34	\$6,753,983.94	\$7,283,215.09	\$5,992,592.76
\$2,963,716.50	\$6,377,064.10	\$100,300	\$3,876,277.97	\$6,036,296.24	\$6,761,314.58	\$7,289,479.40	\$5,999,923.40
\$2,964,530.48	\$6,380,519.09	\$100,400	\$3,883,358.02	\$6,043,712.71	\$6,768,731.05	\$7,297,744.04	\$6,003,378.39
\$2,967,438.72	\$6,386,587.54	\$100,500	\$3,884,305.21	\$6,047,315.11	\$6,774,640.92	\$7,303,653.91	\$6,009,446.19
\$2,971,101.74	\$6,395,760.03	\$100,600	\$3,888,598.69	\$6,055,857	\$6,784,606.04	\$7,312,623.91	\$6,019,965.10
\$2,978,434.29	\$6,403,029.18	\$100,700	\$3,889,118.06	\$6,062,694.22	\$6,791,249.47	\$7,319,789.32	\$6,026,712.26

\$2,983,347.87 \$6,411,691.06 \$100,800 \$3,889,806.96 \$6,071,700.94 \$6,802,407.64 \$7,331,412.50 \$6,038,029.32 \$2,984,072.82 \$6,418,318.55 \$100,900 \$3,893,730.15 \$6,076,812.70 \$6,808,692.34 \$7,338,674.16 \$6,044,656.80 \$2,986,065.14 \$6,423,806.36 \$101,000 \$3,893,498.83 \$6,079,181.77 \$6,812,458.29 \$7,343,667.22 \$6,045,555.27 Unfavorable:

FC	HP	PB0	PB25	PB50	PB75	PFCHINETTI	PB100
\$916.96	\$1,107.21	\$1,100	\$1,143.89	\$1,112.48	\$971.79	\$1,143.89	\$911.88
\$926.98	\$1,272.49	\$1,200	\$1,418.38	\$1,325.37	\$1,090.79	\$1,418.38	\$890.65
\$829.22	\$1,270.64	\$1,300	\$1,509.27	\$1,416.26	\$1,181.29	\$1,516.33	\$786.80
\$905.18	\$1,332.72	\$1,400	\$1,545.78	\$1,467.31	\$1,163.46	\$1,532.65	\$728.43
\$959.37	\$1,432.72	\$1,500	\$1,638.87	\$1,448.30	\$1,023.23	\$1,585.96	\$572.72
\$1,028.32	\$1,532.57	\$1,600	\$1,706.83	\$1,495.67	\$1,099.87	\$1,661.60	\$617.71
\$1,269.31	\$1,817.56	\$1,700	\$1,903.19	\$1,717.18	\$1,255.84	\$1,911.42	\$759.58
\$1,303.32	\$1,918.53	\$1,800	\$1,971.99	\$1,751.33	\$1,228.80	\$2,010.77	\$759.73
\$1,406.41	\$2,144.20	\$1,900	\$2,139.57	\$1,930.97	\$1,463.91	\$2,446.70	\$862.86
\$1,473.13	\$2,268.47	\$2,000	\$2,377.83	\$2,147.71	\$1,601.44	\$2,558.04	\$819.79
\$2,101.62	\$345,564.73	\$100,100	\$760,043.42	\$114,149.68	\$2,140.93	\$1,198,054.91	\$735.14
\$1,842.12	\$344,104.03	\$100,200	\$758,808.29	\$114,045.67	\$2,047.27	\$1,196,076.89	\$775.03
\$1,842.71	\$342,951.49	\$100,300	\$758,509.24	\$113,579.04	\$1,523.23	\$1,193,420.01	\$643.03
\$1,649.31	\$343,578.95	\$100,400	\$765,589.28	\$116,946.47	\$1,778.01	\$1,200,500.06	\$643.41
\$1,675.72	\$346,334.17	\$100,500	\$764,766.87	\$119,480.65	\$1,929.92	\$1,203,079.33	\$732.64
\$1,758.88	\$349,874.98	\$100,600	\$768,138.18	\$122,283.89	\$2,207.79	\$1,207,627.18	\$943.19
\$1,756.17	\$349,974.98	\$100,700	\$768,657.55	\$120,776.90	\$2,132.42	\$1,208,209.95	\$923.95
\$1,625.41	\$352,412.56	\$100,800	\$769,346.45	\$122,506.86	\$2,128.17	\$1,213,759.43	\$934.29
\$1,580.64	\$352,512.56	\$100,900	\$769,524.10	\$122,383	\$1,910.38	\$1,213,937.08	\$878.09
\$1,390.19	\$352,612.56	\$101,000	\$769,292.78	\$119,896.34	\$1,654.41	\$1,214,037.08	\$785.99

My agent purchases the product if it finds the expected return to be better than the expected loss. The expected return is equal to (\$value-\$price)\*probOfGood, while the expected loss is equal to \$price\*(1-probOfGood).

My agent is the agent with the highest utility in each market condition. This is because its purchase function is ideal. The other agents perform less well, with the more aggressive agents faring even worse in unfavorable market conditions.