

## RESULTS LOG

Experiment Number	Parameters Chosen	Results
1	Stock data for: SBUX Trees Count: 50 Subsample Count: 256	Count of correct anomaly scores: 8016 Count of incorrect anomaly scores: 7 Percentage of correct anomaly scores: 99.91275084133117 Percentage of incorrect anomaly scores: 0.08724915866882711
2	Stock data for: SBUX Trees Count: 50 Subsample Count: 512	Count of correct anomaly scores: 7957 Count of incorrect anomaly scores: 66 Percentage of correct anomaly scores: 99.1773650754082 Percentage of incorrect anomaly scores: 0.8226349245917987
3	Stock data for: SBUX Trees Count: 50 Subsample Count: 1024	Count of correct anomaly scores: 7949 Count of incorrect anomaly scores: 74 Percentage of correct anomaly scores: 99.07765175121526 Percentage of incorrect anomaly scores: 0.922348248784744
4	Stock data for: SBUX Trees Count: 100 Subsample Count: 256	Count of correct anomaly scores: 7983 Count of incorrect anomaly scores: 40 Percentage of correct anomaly scores: 99.50143337903528 Percentage of incorrect anomaly scores: 0.4985666209647265
5	Stock data for: SBUX Trees Count: 100 Subsample Count: 512	Count of correct anomaly scores: 7968 Count of incorrect anomaly scores: 55 Percentage of correct anomaly scores: 99.3144708961735 Percentage of incorrect anomaly scores: 0.6855291038264988
6	Stock data for: SBUX Trees Count: 100 Subsample Count: 1024	Count of correct anomaly scores: 7952 Count of incorrect anomaly scores: 71 Percentage of correct anomaly scores: 99.11504424778761 Percentage of incorrect anomaly scores: 0.8849557522123894
7	Stock data for: SBUX Trees Count: 150 Subsample Count: 256	Count of correct anomaly scores: 7976 Count of incorrect anomaly scores: 47 Percentage of correct anomaly scores: 99.41418422036644 Percentage of incorrect anomaly scores: 0.5858157796335535
8	Stock data for: SBUX Trees Count: 150 Subsample Count: 512	Count of correct anomaly scores: 7968 Count of incorrect anomaly scores: 55 Percentage of correct anomaly scores: 99.3144708961735 Percentage of incorrect anomaly scores: 0.6855291038264988
9	Stock data for: SBUX Trees Count: 150 Subsample Count: 1024	Count of correct anomaly scores: 7951 Count of incorrect anomaly scores: 72 Percentage of correct anomaly scores: 99.10258008226349 Percentage of incorrect anomaly scores: 0.8974199177365076
10	Stock data for: SBUX Trees Count: 200 Subsample Count: 256	Count of correct anomaly scores: 7992 Count of incorrect anomaly scores: 31 Percentage of correct anomaly scores: 99.61361086875233 Percentage of incorrect anomaly scores: 0.38638913124766294
11	Stock data for: SBUX Trees Count: 200 Subsample Count: 512	Count of correct anomaly scores: 7957 Count of incorrect anomaly scores: 66 Percentage of correct anomaly scores: 99.1773650754082 Percentage of incorrect anomaly scores: 0.8226349245917987
12	Stock data for: SBUX Trees Count: 200 Subsample Count: 1024	Count of correct anomaly scores: 7947 Count of incorrect anomaly scores: 76 Percentage of correct anomaly scores: 99.05272342016703 Percentage of incorrect anomaly scores: 0.9472765798329803

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13	Stock data for: AAPL Trees Count: 50 Subsample Count: 256	Count of correct anomaly scores: 10917 Count of incorrect anomaly scores: 23 Percentage of correct anomaly scores: 99.78976234003656 Percentage of incorrect anomaly scores: 0.21023765996343696
14	Stock data for: AAPL Trees Count: 50 Subsample Count: 512	Count of correct anomaly scores: 10867 Count of incorrect anomaly scores: 63 Percentage of correct anomaly scores: 99.33272394881169 Percentage of incorrect anomaly scores: 0.6672760511882998
15	Stock data for: AAPL Trees Count: 50 Subsample Count: 1024	Count of correct anomaly scores: 10848 Count of incorrect anomaly scores: 92 Percentage of correct anomaly scores: 99.15904936014626 Percentage of incorrect anomaly scores: 0.8409506398537478
16	Stock data for: AAPL Trees Count: 100 Subsample Count: 256	Count of correct anomaly scores: 10898 Count of incorrect anomaly scores: 42 Percentage of correct anomaly scores: 99.61608775137111 Percentage of incorrect anomaly scores: 0.3839122486288848
17	Stock data for: AAPL Trees Count: 100 Subsample Count: 512	Count of correct anomaly scores: 10910 Count of incorrect anomaly scores: 30 Percentage of correct anomaly scores: 99.72577696526508 Percentage of incorrect anomaly scores: 0.2742230347349177
18	Stock data for: AAPL Trees Count: 100 Subsample Count: 1024	Count of correct anomaly scores: 10856 Count of incorrect anomaly scores: 84 Percentage of correct anomaly scores: 99.23217550274222 Percentage of incorrect anomaly scores: 0.7678244972577696
19	Stock data for: AAPL Trees Count: 150 Subsample Count: 256	Count of correct anomaly scores: 10923 Count of incorrect anomaly scores: 17 Percentage of correct anomaly scores: 99.84460694698355 Percentage of incorrect anomaly scores: 0.15539305301645337
20	Stock data for: AAPL Trees Count: 150 Subsample Count: 512	Count of correct anomaly scores: 10910 Count of incorrect anomaly scores: 30 Percentage of correct anomaly scores: 99.72577696526508 Percentage of incorrect anomaly scores: 0.2742230347349177
21	Stock data for: AAPL Trees Count: 150 Subsample Count: 1024	Count of correct anomaly scores: 10853 Count of incorrect anomaly scores: 87 Percentage of correct anomaly scores: 99.20475319926874 Percentage of incorrect anomaly scores: 0.7952468007312615
22	Stock data for: AAPL Trees Count: 200 Subsample Count: 256	Count of correct anomaly scores: 10885 Count of incorrect anomaly scores: 55 Percentage of correct anomaly scores: 99.49725776965265 Percentage of incorrect anomaly scores: 0.5027422303473492
23	Stock data for: AAPL Trees Count: 200 Subsample Count: 512	Count of correct anomaly scores: 10853 Count of incorrect anomaly scores: 87 Percentage of correct anomaly scores: 99.20475319926874 Percentage of incorrect anomaly scores: 0.7952468007312615

- In the above table SBUX represents Starbucks Corporation Stock Data and AAPL represents Apple's Stock Data.
- Size of SBUX dataset: 8023
- Size of AAPL dataset: 10940