乙太幣全部(Evaluate on held out training=0.3)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 資料集 | Train | | | Test | | |
| MAE | MAPE | RMSE | MAE | MAPE | RMSE |
| 線性迴歸 | 33.1231 | 4.1037 | 70.3124 | 327.0019 | 19.5187 | 369.2530 |
| SVM | 32.3096 | 3.7131 | 70.9503 | 138.5951 | 7.8810 | 158.0489 |
| 隨機森林 | 23.0971 | 6.5046 | 34.8849 | 450.8560 | 25.5772 | 492.5683 |
| Holt-Winters | 120.9167 | 13.537 | 244.0944 | 197.5630 | 10.2188 | 277.7572 |

乙太幣全部(Evaluate on held out training=0.2)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 資料集 | Train | | | Test | | |
| MAE | MAPE | RMSE | MAE | MAPE | RMSE |
| 線性迴歸 | 41.3205 | 4.1843 | 79.2523 | 78.9723 | 4.9212 | 93.6404 |
| SVM | 40.3284 | 3.6382 | 79.8774 | 50.9992 | 3.2573 | 65.7925 |
| 隨機森林 | 27.9439 | 6.6436 | 39.1961 | 97.6533 | 6.3981 | 114.3601 |
| Holt-Winters | 144.2645 | 13.231 | 268.6179 | 144.4408 | 9.7583 | 191.537 |

乙太幣全部(Evaluate on held out training=0.1)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 資料集 | Train | | | Test | | |
| MAE | MAPE | RMSE | MAE | MAPE | RMSE |
| 線性迴歸 | 41.2264 | 3.9459 | 77.7017 | 41.0431 | 2.2974 | 52.4776 |
| SVM | 40.5893 | 3.5822 | 78.2155 | 33.2305 | 1.8788 | 45.5374 |
| 隨機森林 | 26.3841 | 5.7858 | 37.0631 | 91.9452 | 5.2293 | 105.3565 |
| Holt-Winters | 148.1287 | 13.2395 | 264.9169 | 110.4829 | 6.2109 | 136.6005 |

乙太幣去除前兩年(Evaluate on held out training=0.3)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 資料集 | Train | | | Test | | |
| MAE | MAPE | RMSE | MAE | MAPE | RMSE |
| 線性迴歸 | 60.8447 | 4.3607 | 101.3057 | 355.4768 | 21.1570 | 427.2876 |
| SVM | 59.9211 | 3.6776 | 102.5507 | 111.5314 | 6.6692 | 135.8415 |
| 隨機森林 | 33.8430 | 4.5350 | 47.0416 | 98.9416 | 6.0616 | 116.1500 |
| Holt-Winters | 217.5598 | 12.8433 | 349.7056 | 144.2130 | 9.6791 | 191.7723 |

乙太幣去除前兩年 (Evaluate on held out training=0.2)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 資料集 | Train | | | Test | | |
| MAE | MAPE | RMSE | MAE | MAPE | RMSE |
| 線性迴歸 | 58.8059 | 3.9575 | 98.3461 | 89.4510 | 5.1822 | 105.2091 |
| SVM | 58.4715 | 3.5911 | 99.2029 | 57.6630 | 3.3781 | 70.3378 |
| 隨機森林 | 32.7528 | 4.1120 | 44.9493 | 97.0147 | 5.7002 | 109.6790 |
| Holt-Winters | 214.3348 | 12.9656 | 338.9656 | 120.0278 | 7.6235 | 150.5271 |

乙太幣去除前兩年 (Evaluate on held out training=0.1)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 資料集 | Train | | | Test | | |
| MAE | MAPE | RMSE | MAE | MAPE | RMSE |
| 線性迴歸 | 55.7830 | 3.5359 | 94.2396 | 34.1562 | 1.8185 | 45.4573 |
| SVM | 55.7073 | 3.4429 | 95.0041 | 32.8883 | 1.7534 | 44.5203 |
| 隨機森林 | 31.2263 | 3.7692 | 43.1465 | 79.3065 | 4.2007 | 89.6217 |
| Holt-Winters | 204.9119 | 12.5668 | 323.8567 | 108.1197 | 5.7689 | 134.1312 |

乙太幣去除前四年(Evaluate on held out training=0.3)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 資料集 | Train | | | Test | | |
| MAE | MAPE | RMSE | MAE | MAPE | RMSE |
| 線性迴歸 | 67.8290 | 3.1858 | 95.4831 | 57.3895 | 3.1752 | 69.3567 |
| SVM | 67.4523 | 3.1578 | 98.3210 | 64.3536 | 3.551 | 77.6351 |
| 隨機森林 | 30.9311 | 1.5221 | 41.1358 | 105.9699 | 5.7610 | 120.4593 |
| Holt-Winters | 227.0773 | 12.1698 | 311.9651 | 112.7707 | 6.2806 | 139.0804 |

乙太幣去除前四年 (Evaluate on held out training=0.2)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 資料集 | Train | | | Test | | |
| MAE | MAPE | RMSE | MAE | MAPE | RMSE |
| 線性迴歸 | 64.1201 | 3.0913 | 90.6505 | 47.7928 | 2.5591 | 58.3057 |
| SVM | 63.4997 | 3.0338 | 93.2639 | 39.8193 | 2.1278 | 49.068 |
| 隨機森林 | 28.6835 | 1.4352 | 38.5787 | 49.5595 | 2.5943 | 68.109 |
| Holt-Winters | 213.1769 | 11.5330 | 295.2219 | 107.3095 | 5.7044 | 134.7573 |

乙太幣去除前四年 (Evaluate on held out training=0.1)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 資料集 | Train | | | Test | | |
| MAE | MAPE | RMSE | MAE | MAPE | RMSE |
| 線性迴歸 | 60.4474 | 2.9250 | 86.8098 | 26.6336 | 1.4421 | 38.1891 |
| SVM | 59.9231 | 2.8698 | 89.4632 | 23.3762 | 1.2637 | 35.6424 |
| 隨機森林 | 26.6723 | 1.3483 | 35.9114 | 38.6594 | 2.1169 | 47.8804 |
| Holt-Winters | 201.6914 | 10.8871 | 281.8170 | 98.3514 | 5.3256 | 120.1191 |