|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **SN** | **Data Set** | **size** | **Time step** | **LSTM unit** | **Epoch** | **batch size** | **RMSE Value** | | | **graph** |
| **train** | **validation** | **test** |
| 1 | ETHURIAM | 1680 | 7 | 64 | 100 | 16 | 32.7397 | 135.7386 | 179.9898 | ETH\_01.png |
| 2 | ETHURIAM | 1680 | 7 | 64 | 100 | 64 | 27.991 | 157.5079 | 346.8778 | ETH\_02.png |
| 3 | ETHURIAM | 1680 | 7 | 64 | 500 | 16 | 24.1677 | 1142.4956 | 3589.8872 | ETH\_03.png |
| 4 | ETHURIAM | 1680 | 7 | 64 | 500 | 64 | 27.9442 | 180.9189 | 349.129 | ETH\_04.png |
| 5 | ETHURIAM | 1680 | 7 | 128 | 100 | 16 | 32.2787 | 241.2323 | 535.1814 | ETH\_05.png |
| 6 | ETHURIAM | 1680 | 7 | 128 | 100 | 64 | 29.4337 | 130.1892 | 210.2508 | ETH\_06.png |
| 7 | ETHURIAM | 1680 | 7 | 128 | 500 | 16 | 25.7114 | 673.5333 | 1763.0242 | ETH\_07.png |
| 8 | ETHURIAM | 1680 | 7 | 128 | 500 | 64 | 24.5529 | 154.3715 | 322.0906 | ETH\_08.png |
| 9 | ETHURIAM | 1680 | 14 | 64 | 100 | 16 | 25.7608 | 167.3771 | 306.2787 | ETH\_09.png |
| 10 | ETHURIAM | 1680 | 14 | 64 | 100 | 64 | 27.0288 | 166.5529 | 368.1227 | ETH\_10.png |
| 11 | ETHURIAM | 1680 | 14 | 64 | 500 | 16 | 24.0209 | 352.0767 | 950.0765 | ETH\_11.png |
| 12 | ETHURIAM | 1680 | 14 | 64 | 500 | 64 | 25.2772 | 171.015 | 320.046 | ETH\_12.png |
| 13 | ETHURIAM | 1680 | 14 | 128 | 100 | 16 | 31.1989 | 181.9564 | 383.8307 | ETH\_13.png |
| 14 | ETHURIAM | 1680 | 14 | 128 | 100 | 64 | 26.3979 | 167.5377 | 327.0955 | ETH\_14.png |
| 15 | ETHURIAM | 1680 | 14 | 128 | 500 | 16 | 25.4947 | 575.5442 | 1918.1468 | ETH\_15.png |
| 16 | ETHURIAM | 1680 | 14 | 128 | 500 | 64 | 25.2096 | 158.4983 | 354.5904 | ETH\_16.png |
| 17 | ETHURIAM | 1680 | 28 | 64 | 100 | 16 | 25.3652 | 219.656 | 440.0884 | ETH\_17.png |
| 18 | ETHURIAM | 1680 | 28 | 64 | 100 | 64 | 28.4892 | 203.3473 | 455.5522 | ETH\_18.png |
| 19 | ETHURIAM | 1680 | 28 | 64 | 500 | 16 | 21.902 | 845.7621 | 2059.503 | ETH\_19.png |
| 20 | ETHURIAM | 1680 | 28 | 64 | 500 | 64 | 24.269 | 190.8735 | 419.5623 | ETH\_20.png |
| 21 | ETHURIAM | 1680 | 28 | 128 | 100 | 16 | 25.7966 | 150.3631 | 297.699 | ETH\_21.png |
| 22 | ETHURIAM | 1680 | 28 | 128 | 100 | 64 | 26.3979 | 149.5504 | 278.656 | ETH\_22.png |
| 23 | ETHURIAM | 1680 | 28 | 128 | 500 | 16 | 21.1161 | 651.9912 | 1181.6978 | ETH\_23.png |
| 24 | ETHURIAM | 1680 | 28 | 128 | 500 | 64 | 27.0435 | 185.1505 | 415.8409 | ETH\_24.png |
|  |  |  |  |  |  |  |  |  |  |  |
| 25 | BITCOIN | 2829 | 7 | 64 | 100 | 16 | 260.1122 | 362.4712 | 4031.6923 | BTC\_01.png |
| 26 | BITCOIN | 2829 | 7 | 64 | 100 | 64 | 322.7874 | 409.0278 | 4510.9961 | BTC\_02.png |
| 27 | BITCOIN | 2829 | 7 | 64 | 500 | 16 | 253.065 | 369.4141 | 3086.9748 | BTC\_03.png |
| 28 | BITCOIN | 2829 | 7 | 64 | 500 | 64 | 261.1643 | 372.9401 | 4166.797 | BTC\_04.png |
| 29 | BITCOIN | 2829 | 7 | 128 | 100 | 16 | 261.5801 | 364.0091 | 3393.2677 | BTC\_05.png |
| 30 | BITCOIN | 2829 | 7 | 128 | 100 | 64 | 291.1744 | 483.1328 | 3646.7425 | BTC\_06.png |
| 31 | BITCOIN | 2829 | 7 | 128 | 500 | 16 | 277.5947 | 383.6192 | 5101.0248 | BTC\_07.png |
| 32 | BITCOIN | 2829 | 7 | 128 | 500 | 64 | 330.3293 | 377.9306 | 8309.7074 | BTC\_08.png |
| 33 | BITCOIN | 2829 | 14 | 64 | 100 | 16 | 298.4092 | 454.4378 | 2969.9365 | BTC\_09.png |
| 34 | BITCOIN | 2829 | 14 | 64 | 100 | 64 | 282.0142 | 367.1674 | 4227.4353 | BTC\_10.png |
| 35 | BITCOIN | 2829 | 14 | 64 | 500 | 16 | 287.4418 | 401.0623 | 11047.1719 | BTC\_11.png |
| 36 | BITCOIN | 2829 | 14 | 64 | 500 | 64 | 269.5564 | 370.1261 | 7332.2935 | BTC\_12.png |
| 37 | BITCOIN | 2829 | 14 | 128 | 100 | 16 | 268.4907 | 378.7115 | 4515.9218 | BTC\_13.png |
| 38 | BITCOIN | 2829 | 14 | 128 | 100 | 64 | 286.0174 | 385.6968 | 2392.9758 | BTC\_14.png |
| 39 | BITCOIN | 2829 | 14 | 128 | 500 | 16 | 237.2501 | 403.4383 | 22797.9305 | BTC\_15.png |
| 40 | BITCOIN | 2829 | 14 | 128 | 500 | 64 | 298.1996 | 497.6476 | 6523.0263 | BTC\_16.png |
| 41 | BITCOIN | 2829 | 28 | 64 | 100 | 16 | 334.0174 | 512.9509 | 6483.3487 | BTC\_17.png |
| 42 | BITCOIN | 2829 | 28 | 64 | 100 | 64 | 302.7308 | 498.1252 | 4850.3347 | BTC\_18.png |
| 43 | BITCOIN | 2829 | 28 | 64 | 500 | 16 | 270.0163 | 389.4572 | 41867.1592 | BTC\_19.png |
|  |  | 2829 | 28 | 64 | 500 | 64 | 271.0288 | 387.5522 | 4667.3347 | BTC\_20.png |
|  |  | 2829 | 28 | 128 | 100 | 16 | 363.8542 | 522.943 | 4832.1972 | BTC\_21.png |
|  |  | 2829 | 28 | 128 | 100 | 64 | 283.0244 | 428.8339 | 3599.4624 | BTC\_22.png |
|  |  | 2829 | 28 | 128 | 500 | 16 | 257.7507 | 396.5924 | 39996.7215 | BTC\_23.png |
|  |  | 2829 | 28 | 128 | 500 | 64 | 271.4777 | 422.1988 | 5872.7336 | BTC\_24.png |

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| **Input** |

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| **LSTM 1** |

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| **LSTM 2... N** |

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| **Dense** |

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| **Output** |