**REGRESSION**

|  |  |
| --- | --- |
| Method | RMSE |
| Linear Regression | 0.86 |
| Lasso Regression | 2.68 |
| Ridge Regression | 2.69 |

**AUTOREGRESSION**

|  |  |  |
| --- | --- | --- |
| METHOD | RMSE | RMSE VS TIME INTERVAL |
| Linear Regression | [3.626878077037585,  3.6275417714375027,  3.628197995679936,  3.6288407828528952,  3.6294680836085416,  3.6300833897946085,  3.6306846481430117,  3.6312527111100845,  3.6317860736030445,  3.6322868584976704] | A screenshot of a cell phone  Description automatically generated |
| Lasso Regression | [2.6938140416165135,  2.6934476162197374,  2.6930394590492988,  2.692494240379835,  2.691786352334451,  2.6909190522256448,  2.689928298411789,  2.6888043063556806,  2.6876149590562153,  2.6863729225309148] | A screenshot of a cell phone  Description automatically generated |
| Ridge Regression | [2.920322113255228,  2.9207771538049654,  2.9211771674469498,  2.921501773952198,  2.921737143400579,  2.921883669544388,  2.9219270368002674,  2.9218115255979997,  2.9215405902257783,  2.9211292517552776] | A screenshot of a cell phone  Description automatically generated |

**LSTM**

|  |  |
| --- | --- |
| **ORDER** | **RMSE** |
| First | 1.32 |
| Second | 0.77 |
| Third | 1.5 |

|  |  |
| --- | --- |
| **ORDER** | **RMSE 2Step(out=t,t+1)** |
| First | 0.988 |
| Second | 0.998 |
| Third | 1.305 |