Table 1:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Predict month data based on previous one month data | | | Predict month data based on previous three month data | | | Predict month data based on all previous data | | |
| Training data | Test data | MSE | Training data | Test data | MSE | Training data | Test data | MSE |
| Jan 2016 | Feb 2016 | 0.03943015 |  |  |  |  |  |  |
| Feb 2016 | Mar 2016 | 0.02967089 |  |  |  |  |  |  |
| Mar 2016 | Apr 2016 | 0.02761392 | Jan2016 - Mar2016 | Apr 2016 | 0.02763571 |  |  |  |
| Apr 2016 | May 2016 | 0.02275491 | Feb2016 - Apr2016 | May 2016 | 0.02266364 |  |  |  |
| May 2016 | Jun 2016 | 0.02305983 | Mar2016 - May2016 | June2016 | 0.02296181 |  |  |  |
| Jun 2016 | Jul 2016 | 0.02296013 | Apr2016 - June2016 | July2016 | 0.02295128 |  |  |  |
| July 2016 | Aug 2016 | 0.02606143 | May2016 - July2016 | Aug2016 | 0.02595377 |  |  |  |
| Aug 2016 | Sep 2016 | 0.02271136 | June2016 - Aug2016 | Sept2016 | 0.02255886 |  |  |  |
| Sep 2016 | Oct 2016 | 0.01816775 | July2016 - Sept2016 | Oct2019 | 0.01799051 | Jan2016 – Sept2016 | Oct 2016 | 0.01799051 |
| Oct 2016 | Nov 2016 | 0.01945185 | Aug2016 - Oct2016 | Nov2016 | 0.01941113 | Jan 2016 – Oct 2016 | Nov 2016 | 0.01942081 |
| Nov 2016 | Dec 2016 | 0.04558319 | Sept2016 - Nov2016 | Dec2016 | 0.03624948 | Jan 2016 – Nov 2016 | Dec 2016 | 0.03628793 |
| ***Average*** | | ***0.025374*** | ***Average*** | | ***0.024264*** |  |  |  |
| ***Average*** | | ***0.027734*** | ***Average*** | | ***0.02455*** | ***Average*** | | ***0.024566*** |