**Cocacola Prices**:

1. Dummy Variables=4

2. RMSE Value=

|  |  |
| --- | --- |
| Model | Values |
| rmse\_mul\_quad | 581.845719 |
| rmseadd | 1860.023815 |
| rmseaddlinear | 464.982902 |
| rmseaddquad | 301.738007 |
| rmseexpo | 466.247973 |
| rmselin | 421.178788 |
| rmsemul | 1963.389640 |
| rmsemulin | 225.524390 |
| rmsequad | 475.561835 |

3. Model Used=multiplicative seasonality with linear trend

**Airlines Passenger:**

1. Dummy Variable=12

2. RMSE Value=

|  |  |
| --- | --- |
| Model | Values |
| rmse\_linear | 48.951705 |
| rmse\_Exp | 308.236385 |
| rmse\_Quad | 44.469100 |
| rmse\_add\_sea | 128.127452 |
| rmse\_add\_sea\_quad | 23.940509 |
| rmse\_Mult\_sea | 310.734343 |
| rmse\_Mult\_add\_sea | 308.259310 |

3. Model Used= Additive Seasonality Quadratic