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| --- | --- | --- | --- |
| Autoregressive  model | Moving Average  Model | ARIMA model | Exponential  Smoothing |
| Its model based method | Its model based method | Its model based method | Its data driven method |
| Here past is similar to future | Here avg of several past points is taken | Here past is similar to future | Here past is not similar to future |
| Suitable to predict trend | Suitable for no trend, no seasonality | It’s a combination of AR and Moving avg model. | Suitable for no trend, no seasonality |
|  |  |  |  |

I think ARIMA model can be used for this purpose…