**Forecasting Case Questions**

* Plot the series indicating the number of foreign tourists arriving in India each month.
* Is the annual total of foreign tourists arriving in India *correlated* with the annual average exchange rate?
* Is there an inherent trend in the series?
* Does the graph indicate any seasonal behavior?
* Is the series stationary? Does it need to be differenced? If yes, what are the implications?
* Develop and ARIMA model to forecast the series.
* Using the developed ARIMA model, forecast the expected tourist arrivals in India over the next *six months*.
* Evaluate the quality of your forecast and provide justification.