

CASE STUDY-FORECASTING FORECASTING AIRPASSENGERS

Copyright:



SCO 394, Sector-29

Next to Iffco Metro Station, Gurgaon – 122011

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Business Context:

UK Transport Department collects data of UK Passenger movement from UK to different places. The Transport Department would like to forecast the total number of passenger's movement from UK for the next four quarters.

Data file to be used:

AirPassengers.xls: UK Outward passengers count from 1949 to 1960

Data file to be used:

- Time Series Analysis
- Seasonal Decomposition and forecast for next four quarters using decomposition
- Build Time Series Model (ARIMA, SARIMA) and forecast for next four quarters
- Calculating forecast accuracy by using RMSE and MAPE etc.