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|  | | Assessment: Class Participation | | | | |  | |
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|  | | | | Basil Ali Khan(20K-0477) |  | | | |
|  | | | | Time15:10-16:30 pmSession and RoomSection BCS-5F: Track7 in LLC |  | | | |
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**SUMMARY**

Took session of Miss anaum Hamid, who present the system which can predict expected year for 100% female literacy rate in Pakistan using Time Series Model. Pakistan is one of the populated country in world having proportion of female higher than male. The problem that he highlighted is that the female literacy rate has drastic low figure than male. The study is based on female Pakistani age group from 15-24 year. The problem lies in root that is the teenage group that was the base of problem. So social norms, cultural norms, and social cultural was considered faced by females such as lack of female schooling staff, poverty, gender discrimination people prefers boys to get education than girls and etc. The main objective was to predict the year we will reach 100% literacy rate. To predict that the methodology and model use was ARIMA (Auto Regressive Integrated Moving Average). ARIMA use to explain time series based on its past value. In session implementation flow diagram was discussed which includes data processing => identify ARIMA model => Estimate parameters => Generate best possible model => Forecasting. The data use was after 2015 and prediction was made that 100% female literacy rate will reach in 2057.





