**Course: Time series analysis and forecasting**

**Assignments**

**Unit II- REGRESSION ANALYSIS AND FORECASTING**

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| **Q. No** | **Question** | **Co Mapping** |
| 1 | What is regression and write types of regression. | CO2 |
| 2 | What is the Least Squares Regression method and why use it? | CO2 |
| 3 | Explain SST,SSR,SSE,R2 | CO2 |
| 4 | Explain Steps to conduct hypothesis on regression coefficient . | CO2 |
| 5 | Explain steps for prediction. | CO2 |
| 6 | Outline types of residual. | CO2 |
| 7 | Explain variable selection methods in regression. | CO2 |
| 8 | Summarize Estimating the Parameters in Time Series Regression Models. | CO2 |
| 9 | Summarize The Maximum Likelihood Approach in Regression Analysis. | CO2 |
| 10 | Which R commands used in regression analysis | CO2 |