

# Research Lab Minutes of Meeting

Place: A308, University of Koblenz , Koblenz

Date: 11.07.2022

Time: 15:00 Uhr - 16:00 Uhr

Participants: Prof. Dr. Maria A. Wimmer, Dr. Ulf Lotzmann, Irshad Hussain Mohammed, Manpreeth Vankadara,  
Nirav Satani, Pavan Kumar Tokachichu, Pavan Kumar Reddy Kancharla,  
Peram Navachandu Reddy, Ramesh Reddy Modulla, Sudheer Kumar Gandham,  
Venkata Satya Aditya Jagarlapudi.

Meeting Name: "Deliver the Dataset prepared for analysis and to Discuss the Algorithms ."

Next Meeting: 24.08.2022,  
A308, University of Koblenz , Koblenz

## Agenda

**TOP 1: Revised Documentation**

**TOP 2 : Revised Minutes of Meeting**

**TOP 3: Cloud Updated**

**TOP 4: Data Prepared for analysis**

**TOP 5: Flowchart of Algorithms to be used**

**TOP 6: Correlation between Population density, flights, and Covid**

**TOP 7: Architecture**

## Summary of Activities

### 1. TOP 1: Presentation:

Pavan Kumar Tokachichu presented the introduction , Architecture and Documentation.

Pavan Reddy Kancharla Presented Correlation for Covid and Population Density.

Aditya Jagarlapudi presented the Correlation between Population and Air Traffic, he also presented the data prepared.

Peram Navachandu illustrated and explained the algorithms

### 2. TOP 2: Feedback from the Panel

- i. The panel suggested to include about Algorithm in Documentation
- ii. Individual contribution should be placed at the top
- iii. Document about Steps followed in Collecting Data , analysis Part
- iv. Gantt chart should be hierarchical
- v. Add Reference in the Documentation

### 3. TOP 3: Miscellaneous

Appointment for next Sitting : 24.08.2022

Place : A308, University of Koblenz

### Liste offener und neuer Aufgaben

Task	Responsible	Deadline
Irshad Hussain Mohammed	Project Management, Working on LSTM , Dashboard Creation and Documentation	19.08.22
Pavan Kumar Tokachichu	Working on LSTM	19.08.22
Manpreeth Vankadara	Working on Prophet	19.08.22
Nirav Satani	Working on DeepAR	19.08.22

Task	Responsible	Deadline
Peram Navachandu Reddy	Project Management, VAR, ARIMA, Exponential Smoothing	19.08.22
Pavan Kumar Reddy Kancharla	VAR, ARIMA, Exponential Smoothing	19.08.22
Sudheer Kumar Gandham	Prophet Algorithm	19.08.22
Ramesh Reddy Modulla	Working on VAR, ARIMA, Exponential Smoothing	19.08.22
Venkata Satya Aditya Jagarlapudi	Working on LSTM and Clustering	19.08.22
Rehan Ali Syed	Working on DeepAR	19.08.22