## Jio Institute



# Data Visualization Final Project

Abhishek | Neil | Sanket | Udaya Prof: Vidya Setlur



### Institute

## Introduction

#### Dashboard -

Dashboard for retail power supply company.

#### Team Members -

- Abhishek L
- Neil D
- Sanket K
- Udaya N

#### Tool Used -

- Tableau
- Python (Py-tab)

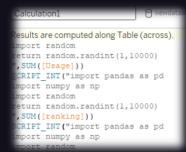




## **Data**

We have used python to generate random data based on a pattern available in India's electricity consumption. Data generation is in Tableau using server extensions tool Py-tab.

	0	#	#	#	1111
dataset.csv	newdataset.csv	newdataset.csv	newdataset.csv	newdataset.csv	newdataset.csv
State Name	Src District Name	Year	State Code	Current Usage	Next Hour Requi
laman and Nicobar	Port Blair	2021	35	2,381.42	
lhra Pradesh	Ananthapur	2021	28	40,811.48	
lhra Pradesh	Chittoor	2021	28	41,740.64	
lhra Pradesh	East Godavari	2021	28	52.858.24	
Ihra Pradesh	Guntur	2021	28	48,878.13	
Ihra Pradesh	Kadapa	2021	28	28,824.69	





## **Dashboard Demo**







## Learnings

- Theme based Dashboard Making
- Using Python for Data Generation and Aggregation
- Creation of advanced charts in tableau
- Animation and live server connection



## Thank you!