

# Nilotpall Sarkar

M.Sc.

Student

**Big Data Analytics**

Ramkrishna Mission  
Vivekananda Educational  
Research Institute

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## Nilotpall Sarkar

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## Skills

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**Languages :-** Python , R with Rstudio ,C

**Web Development Tools :-** Basic Html , Basic Css

**Database Query languages :-** MySQL , Neo4j

**Distributed Computing :-** PySpark

**Analytical Skills :-** Micro Economics , Macro Economics , Trade ,Econometrics

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## Education

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**Ramakrishna Mission Vivekananda Educational Research Institute /**  
**Post-Graduation(Currently Pursuing)**

2020-2022 (expected), Belur

**Ramakrishna Mission Vidyamandira / Graduation**

B.Sc. Economics

2017-2020 , Belur

**Aditya Birla Vani Bharati / Higher Secondary & Secondary**

2015-2017, Rishra

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## Projects

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**Current Projects :-**

- **USA Stock Price prediction using News Sentiment**

**Visualisation Projects :-**

- **Life Expectancy Analysis :-** Data Visualisation using Python as well as R using libraries like ggplot2 , pandas , numpy , matplotlib , seaborn (September 2020-December 2020)
- **Classification using R on Bankruptcy Data :-** Mainly used statistical libraries and

- ggplot2 and plotly for visualisation purposes ( [March 2021](#))
- **EDA on Indian Agriculture Dataset** :- mainly used statistical libraries and ggplot2 and plotly for visualisation purposes ( [November 2020](#))
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### **Machine Learning Projects :-**

*[Dr. Sujoy Kumar Biswas ,Director and Principal Scientist AIMP LABS, Kolkata Joint affiliation:Visiting Scientist Electronics and Communication Sciences Unit (ECSU Indian Statistical Institute, Kolkata ]*

- **Linear Regression** (bivariate and multivariate)
- **Decision Tree**
- **Random Forest and Adaboost**
- **Credit card Defaulter prediction**
- **Clustering**( [Course Project January 2021- June 2021](#))

### **Natural Language Processing :-**

- **Whatsapp chat Analysis** ( [April 2021](#))
- **Recommendation Engine on MovieLens Dataset** :- mainly used collaborative Filtering ( [January 2021- June 2021](#))
- **Sentiment Analysis Using Bert** ( [September 2021-October 2021](#))

### **Time Series Projects :-**

- **Time Series analysis on NO<sub>2</sub> Emission rate and checking it's effects on GDP of Indian States.**([November 2021](#))

### **Bsc Projects :-**

**Financial Advisory** :- Collected primary data on both online and offline mode for a local gift shop and tried to advise him on mainly inventory management using Linear regression , Hypothesis Testing ( [July 2019-December 2019](#))

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### **Awards**

- **Gold Medalist in School during Madhyamik .**
- **Top 10 in Higher Secondary during Higher Secondary from school .**
- **Silver Medalist In Graduation .**