| Nilotpal Sarkar  M.Sc. Student  **Big Data Analytics**  Ramkrishna Mission  Vivekananda Educational  Research Institute | horizontal line Nilotpal Sarkar GT.Road, Belur Math, Howrah, West Bengal, India  Pin-711202  **Contact Number** :-7044137830  **Email** :- sarkarnilotpal347@gmail.com |
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| **ㅡ** **Skills** | horizontal line  **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 |
| **ㅡ** **E**ducation | horizontal line Aditya Birla Vani Bharati / Higher Secondary & Secondary2015-2017, RishraRamakrishna Mission Vidyamandira / Graduation B.Sc. Economics 2017-2020 , BelurRamakrishna Mission Vivekananda Educational Research Institute / Post-Graduation(Currently Pursuing)2020-2022 (expected), Belur |
| **ㅡ** Projects | horizontal line Bsc Projects :- 1. **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)  horizontal line  **Msc Projects**:-   1. **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)  2.**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* ]**  **Basic** :-  **Linear Regression (**bivariate and multivariate), **Decision Tree , Random Forest and Adaboost ,Bayesian Network using pomegranate library.** ( 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) * **Basic Level Chatbot using chatterbot .** (February 2021-March 2021)   **Computer Vision Projects** :-   * **Panorama Stitching , Shift Invariant Feature Detector ,Template Matching , Camera Calibration** ( Course Project January 2021- June 2021) * **Covid-19 detection from Lung Radiograms**( June 2021) * **Cell segmentation using ConvNet, UNet and Transfer Learning.** Course Project January 2021- June 2021)   **Other Deep Learning Project** :-   * **Regression in Deep Learning Style**( March 2021)   3.**Current Projects** :-   * **Information Retrieval using Pre-Trained Transformers.** ( August 2021 present)[Supervisor: Dr. Debarshi Kumar Sanyal, Assistant Professor, School of Mathematical & Computational Sciences, IACS] |
| **ㅡ** **Awards** | horizontal line   * **Gold Medalist in School during Madhyamik .** * **Top 10 in Higher Secondary during Higher Secondary from school .** * **Silver Medalist In Graduation .** |