

Curriculum Vitae (CV)

Name	Mr. Killa Anil Kumar	
Designation	Assistant Professor	
Address	Govindpuri Extension, Kalkaji, South Delhi-110019.	
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Email Id	anilkilla7788@gmail.com	
EDUCATION QUALIFICATION		
Degree	Institution	Year
Net/JRF	CSIR-NET-JRF (Mathematical Science)	2022
M.Sc.	IIT Bombay	2022
B.Sc.	Sri Venkateswara University, Tirupati	2020
CAREER PROFILE		
Assistant Professor (Permanent). Department of Statistics, Ramanujan College, University of Delhi, Delhi-110019 from June 26, 2023, to till date.		
FACULTY INDUCTION PROGRAMME AND REFRESHER COURSES AND WORKSHOPS		
<ul style="list-style-type: none"> Participate in 20-days certificate course or refresher course on Shrimad Bhagvad Gita: Enlightenment and Relevance held from 22nd December 2023 to 10th January 2024 organized by BHARATAM, Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi 110019. 		



- Participated in faculty induction program on NEP 2020: PEDAGOGICAL IMPERATIVES OF HIGHER EDUCATION organized by University of Delhi on Friday, December 01, 2023.
- Participated in a 4-week faculty induction program held from 2nd to 31st December 2023 organized by Teaching Learning Centre in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi-110019.
- Participate in the Two-Day National Workshop on The relevance of Bharatiya Gyan Parampara in Management held from 7th to 8th November 2023 organized by Department of Commerce in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi, Delhi 110019.
- Participate in the workshop on Brain Balancing and hypnosis held on 13th October 2023 in the Ghalib Conference Hall organized by Ramanujan College, University of Delhi, Delhi-110019.

PUBLICATION

Killa Anil Kumar, Sahu Technologies. (2021). A Detailed Investigation and Analysis of using Machine Learning for Intrusion Detection, **International Journal of Multidisciplinary Research Professionals (IJMRP)**

ACADEMIC PROJECT AND INTERN EXPERIENCE

Statistical analysis Of Insurance Data Using Regression| Group project (Mar '21-Apr '21)

Guide: Prof. Monika Bhattacharjee, Department of Mathematics, IIT Bombay

- Analyzed the data set to diagnose problems such as Heteroscedasticity, **Multicollinearity**, Non-Normality of errors
- Checked for the presence of leverage points and outliers and detected the influential points using **Cook's Distance**
- Acquired suitable subset of predictors using variable selection techniques based on **AIC, BIC & Mallow's statistic**

Sahu Technologies | Data Science Intern (Jan '21-Aug 21)

Project: A Detailed Investigation and Analysis of using machine learning techniques for intrusion detection.

- Reviewed existing algorithms for intrusion detection in cyber systems
- Proposed a hybrid algorithm using Artificial intelligence and computational intelligence techniques
- Suggested several techniques to enhance Intrusion Detection Systems (IDS)
- Analyzed and compared various ML techniques for detecting various category

House Price Prediction Project (Aug '21)

Guide: Nitin Mukesh, Machine Learning Researcher (TCS)

- Performed EDA analysis on the dataset
- Data quality checked in R and created various features, variables selection
- Fitted different types regression model and compared different model on basis of R2, RMSE, AIC and BIC

Financial Consultant Intern |(VIP) Upkey (Jul '21-Aug '21)

Remote Summer Internship with Top U.S. Startup

- Selected out of a pool of **5000+** applicants from all around the world to participate in the Fall VIP.
- Dedicated about **6+** hours weekly to tune into enrichment sessions on personal development, communication,
- business and careers, entrepreneurship, strategic analysis and financial literacy.
- Worked with The Great Game on their Go-To Market Strategy and Product Development as my **DNAnuals** Project.
- Ranked among top **10** entrepreneurship projects competing with over **700+** students.