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RESEARCH INTEREST	Statistical Machine Learning, Ensemble Techniques , Bayesian Inference , Anomaly Detection , Survival Analysis , Default transaction detection	
EDUCATION	<b>Indian Institute of Technology</b> , Guwahati.	2021–Current
	<ul style="list-style-type: none"> <li>• Junior Research Fellow <b>Department of Mathematics</b> GPA in Coursework : <b>8.76/10</b> – via 42 credits</li> <li>• In my coursework I took 6 Courses , 1. Probability Theory , 2. Real Analysis 3. Linear Algebra 4. Advanced Topics in ML 5. Advanced Statistical Algorithm 6. Statistical Foundation for Data Science</li> <li>• Course Repo <a href="https://github.com/yuvrajiro/MA691">https://github.com/yuvrajiro/MA691</a></li> </ul>	
	<b>Banaras Hindu University</b> , Varanasi.	2018–2020
	<ul style="list-style-type: none"> <li>• M.Sc. Statistics and Computing , <b>Centre for Interdisciplinary Mathematical Sciences</b> GPA: <b>8.4/10</b> – via 84 credits</li> <li>• During my Masters, for the first time, I was introduced to Bayesian Inference by my professor, who was also Secretary of the Indian Bayesian Society. I was Influenced by Bayesian Technique a lot then. While my Masters I took two courses, "Bayesian Statistics" and "Computational Statistics," which were focused on Sampling and MCMC Techniques. Along with these courses, I took many courses related to Regression, Probability, Survival Analysis, etc. which shaped my deep understanding of statistical methods</li> <li>• I have consolidated some of my codes at master here <a href="https://yuvrajiro.github.io/Mini-R-Programs/">https://yuvrajiro.github.io/Mini-R-Programs/</a></li> <li>• Project: <b>Credit Card Fraud Detection Using Random Forest</b></li> </ul>	
	<b>Deen Dayal Upadhyaya Gorakhpur University</b> , Gorakhpur.	2015–2018
	<ul style="list-style-type: none"> <li>• B.Sc. Statistics and Computer Science (2yrs. Mathematics ) <b>Department of Mathematics and Statistics</b></li> <li>• At my Bachelors, I took Statistics and Computer Science as my Major, with two years Mathematics, with First Division. While doing my Bachelor's, I have cleared CS1 Certification Course by the Institute of Actuaries India, which is at par with the Institute and Faculty of Actuaries (IFoA) London.</li> </ul>	
TECHNICAL SKILLS	<ul style="list-style-type: none"> <li>• <i>Programming Languages</i>: R , Python, Julia , C</li> <li>• <i>Package Expertise</i>: Pytorch , Scikit Learn , Scikit Survival ,</li> </ul>	
RESEARCH PAPER	<ul style="list-style-type: none"> <li>• <b>Survival : A different Approach (Under Review)</b> Used Data Dependent technique to aggregate survival trees to estimate the survival of Patients</li> </ul>	
TEACHING ASSISTANCE	<ul style="list-style-type: none"> <li>• <b>Financial Engineering</b> : Assisted Dr. Arabin Kumar Dey teach Financial Risk Analysis to Students of Bachelor Degree at Indian Institute of Technology Guwahati</li> </ul>	
INTERNSHIP	<ul style="list-style-type: none"> <li>• <b>MedSolu , India</b>: Developed Techniques for Insurance Premium Calculation using Mortality Projection of Patients</li> </ul>	
CERTIFICATE COURSES AND ACHIEVEMENTS	<ul style="list-style-type: none"> <li>• <b>Qualified Graduate Aptitude Test in Engineering (GATE) (Statistics)</b> GATE is an Exam Held by one of the premier institutes of India for admission in Graduate Programs, in 29 Subjects, in which I have appeared for the subject Statistics and Secured All India Rank 63, which helped with the admission at the IIT, Guwahati</li> <li>• <b>Qualified IIT-JAM</b> IIT-JAM is an Exam, which held on All India Level for Admission into Masters Courses, I have Secured All India Rank 306 in the subject Mathematical Sciences</li> </ul>	

- <https://onedrive.live.com/?authkey=%21AFbG6zrhBW7pT%2DY&cid=8F952B62EC40D482&id=8F952B62EC40D482%214143&parId=root&o=OneUp>**Fuzzy Logic and Neural Networks , NPTEL** Took the course Fuzzy Logic and Neural Networks during my Masters and Qualified the Proctored Exam Held by Indian Institute of Technology
- **Operations Research , NPTEL** Took this course while I was in my Masters , and Qualified A proctored Exam Held Indian Institute of Technology with Top 1% of the Class
- **Andrew NG's Machine Learning Course** Took Andrew NG's famous Machine Learning Course from Coursera
- **Practical Machine Learning With Tensorflow – NPTEL** Took MOOC's organised by NPTEL, which introduced me to practical applications of Neural Networks
- **CS1 from Institute of Actuaries India** Qualified Core Statistics 1 which is at par with IFoA
- **Research Blog** Oftenly write blog on my blogsite : <https://www.statml.in>
- **Implementation of COBRA: A Combined Regression Strategy** Implemented the COBRA Algorithm from the paper COBRA : Combined Non Linear Regressor Aggregation , this used data dependent techniques to aggregate predictions by various machine learning here <https://github.com/yuvrajiro/COBRA>
- **Chegg :** Helped more than 1000 Students with their homework on Statistics and Probability
- **Upwork :** Done 5 Projects related to data science of clients from USA

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