Yash Gupta

www.yashlab.pro

Whitehat Jr. | EXL | NIT Kurukshetra
ygupta32@gmail.com|+91-74046-58930 |Gurugram India

Skills

- Predictive Modelling(Data Engineering -> Production Deployment)
- Business Acumen
- Critical Thinking
- Programming Aptitude

WORK EXPERIENCE

Tools: Python, Excel, SQL, Tableau, SAS, Salesforce AWS, Linux Scripting

Analyst - Data Science | Whitehat Jr. :   *(Jun'21-Present)*

1) ***Renewals & Customer Analytics***
   - Developing propensity models for customer renewal behaviour across business regions.
   - Created segmentation process for improved student-teacher mappings leading to increased conversions.
   - Define, monitor and validate new and existing KPI metrics using self designed dashboards.
   - Set-up data driven solutions for cross functional teams of Sales,Ops and Product.

Consultant I | Inductis (EXL) :   *(Jun '19 – May'21)*

Worked for a US based Fortune 500 Insurer

1) ***Marketing & Strategy***   *(Feb '20 - May'21)*
   - Designed, Developed and Deployed entirely new ML based analytical stack in production in concurrence with MLOps principles consisting of:
     - 12 predictive models to identify prospects with high business potential for prime LoBs.
     - A single window process to select prospective customers in line with key business parameters and regulations.
     - An exhaustive Offer Selection process resulting in improved performance across campaigns worth $3MM.
   - Established a suite of automated MIS report and dashboards to monitor KPIs of varying frequencies for CxO leadership.

2) ***Claims Solutions & Analytics***   *(Jun '19 - Jan '20)*
   - Optimised SAS-based legacy predictive models in Python via detailed code flow analysis and identifying bottlenecks.
   - Redeveloped existing data pipelines to increase throughput and reduce latency.
   - Managed predictive models and data pipelines for asset owners for smooth workflow.

EDUCATIONAL BACKGROUND

Bachelor of Technology in Electrical Engineering, NIT Kurukshetra.   *(Jul '15 – Jun '19)*
CGPA: 8.45/10.0
Major Thesis : Fuzzy PID based Load Frequency Control using Local Sampling and Teacher Learner Optimisations.

Summer Research Intern, IISc Bengaluru.   *(May-Jun' 17)*
- *Worked on a SOTA Breast Cancer Diagnostic Setup (only undergraduate in team of PhD scholars)*

AISSCE (Class 12th), Central Board of Secondary Education.   *(Apr '14 – Mar'15)*
Percentage: 94.2

Achievements	Certificate coursework
Most-Promising Employee | EXL	Machine Learning in Production
Amul Vidya Shree scholarship	Marketing Analytics in Python
Winner, National level quiz competitions (India, MELA, Vertigo)	Generalised Linear Models using Python
Committee Head, Confluence	Gradient Boosting with XGBoost

POSITION OF RESPONSIBILITY

Placement Coordinator, Electrical Engineering Department, NIT Kurukshetra.   *(May '18 – May '19)*
- *Represented 120 students in Training and Placement Cell.*
- *Streamlined the recruitment process that delivered a new record in placements with 134 job offers on count of 108.*

Editorial Head, NITK Alumni Association   *(Apr '18 – Mar '19)*
- *Lead a 15 member strong team of content writers, photographers and graphic designers.*
- *Created from scratch the annual alumni newsletter in "**Memoir** "close with global circulation in the 21k+ strong community.*

Organiser, Skill Development Workshop   *(Nov '18 - Feb'19)*
- *To help students from humble backgrounds prepare for campus placements and strengthen personality aspects.*

Interests

Quizzing | DIY Projects | Equity Research