



NIKHIL NAIR, 26 yrs

+91- 7340080834, +91-7738740695

nair25@gmail.com

www.linkedin.com/in/NairNikhil789/

<https://github.com/volcas>

Education

- **NIIT University**
B.Tech in Computer Science, CGPA : **9.6/10**
- **Kendriya Vidyalaya IIT, Powai**
12th Std, **91%**, CBSE
- **Kendriya Vidyalaya IIT, Powai**
10th Std, **95%**, CBSE

Skills

- **Machine Learning(Classification, Ensemble)->Python**
- **Deep Learning(NLP, OpenCV)**
- **Cloud APIs worked with: GCP, AWS**
- **Web scraping /Web deployment(flask)**
- **Certified in “Principles of Machine Learning” by Microsoft**

Work Experience

- **Sr. Data Scientist, Viacom18(Mumbai)(Feb 2021- Present)**
 - Successfully implemented and deployed the '**IPL 2023 Ad inventory prediction**' model, accurately forecasting the number of concurrent users among various market cohorts with an impressive accuracy rate of **80%**.
 - Successfully built poc for “**Audio to subs**” model using python(pyaudio), NLP and audioToSub libraries to achieve **WER/MER of only 15%**, currently integrating GPT AI models to improve grammar.
 - Successfully built “smoking detection” model using transfer learning of resnet models and image optimisation techniques to achieve **recall of 89%** and optimising detection vendor costs
 - Working on optimising current recommendation models using **tensorflow** and **scala** with the goal of improving the recommendations by minimum **5-10%**
 - Working closely with internal stakeholders to build reports and deploy the developed solution to optimize the business operations seamlessly. Repeatedly helped in the automation of manual reports.
- **Associate Data Scientist, GreyAtom (Mumbai) (July 2018 – Feb 2021)**
 - **Data Scientist Role:**
 - Placed **200+** learners by identifying job eligibility features for learners; implementing ML models to increase learner placement chances(**Ensemble Modeling**).
 - Spearheaded learner data compilation (**SQL**) & created schema to launch all the subsequent data science/ML analysis(**Python**).
 - Performed complete **EDA** on learner data to understand/predict learner persona
 - Improved the learner feedback ratings by **35%** by isolating problem statement in the feedback data and suggesting modifications
 - **Program Manager Role:**
 - Developed content/projects for the **Full Stack & Data Science Master's Program** at GreyAtom for **5,000+** learners.
 - Created Data Science simulations based on real world problem statements while designing a holistic curriculum for students and professionals.

Internship

- **Data Analyst Intern, ValueMomentum(Hyderabad) (Jan 2018 – July 2018)**
 - Developed an end to end POC for Insurance industry by building Insurance Coverage Recommendation System using Singular Value Decomposition and Web Service for Model Deployment.

Projects

- **Indian Budget Analysis (May 2020 – Jun 2020)**
 - Research on the Indian Budget Speeches and documents stored on the public portal(indiabudget.gov.in) scraping (**Selenium**) the past Indian Budget Data, performed cleaning and performed financial analysis ([Part 1](#), [Part 2](#))
- **Research Paper (July 2017 – Jan 2018)**
 - Paper on “[Online Partitioning of Large Graphs for Improving Scalability in Recommender Systems](#)” published by Springer

Accolades

- Awarded “**Change Agent**” in GreyAtom for proactively identifying the gaps in beta testing of new programs, suggesting changes and implementing them.