

Lakshya Soni

LinkedIn: <https://www.linkedin.com/in/soni-lakshya/>

Website: <https://lakshyasoni97.github.io/lakshyasoni/>

Email: lakshyasoni97@gmail.com

Contact: +91- 7065511554

Work Experience

Data Scientist

Network18 | June 2023 - Present

- Conducted root cause analysis on Google Analytics data, uncovering factors leading to viewership decline.
- Developed a Headline Generator cum News Article Summarizer using state-of-the-art language models, to aid the content writers in writing more engaging headlines.
- Automated report generation using Selenium and BeautifulSoup, streamlining advertiser analysis and improving decision-making.
- Engineered a competitor news website scraper, employing NLP to identify trending articles, keywords, and missed opportunities.

Executive Engineer

Torrent Gas Jaipur Private Limited | July 19 - July 22

- Spearheaded data collection from diverse sources to design a comprehensive Steel pipeline network in Jaipur and executed field surveys which reduced the project cost by 12 lacs and brought down execution time by 14 days.
- Formulated an 8-year expansion plan for the Steel pipeline network, aligning with industry guidelines.
- Collaborated with regulatory bodies to secure approvals for laying Steel pipelines, showcasing strong communication skills.

Education

- PGP in **Artificial Intelligence & Data Science** | Jio Institute | Graduated: 2023 | CGPA: 8.79
- B.Tech in Power Engineering | National Power Training Institute | Graduated: 2019 | CGPA: 8.38
- 12th Grade | Model Higher Secondary School | Graduated: 2015 | Percentage: 79.2%

Projects

- **Curriculum Personalization**

This project aims to create a personalised curriculum for learners by using dependency graphs and forward pass/RCA analysis to suggest topics based on individual interests and proficiency. The goal is to increase engagement and academic success.

- **Sepsis Prediction**

The project aims to predict the onset of sepsis 6 hours before using different classifier models, enabling early intervention and treatment.

- **Customer Rating Prediction** (Naive Bayes Classifier)

Trained on the data of thousands of customer reviews, this project employs a basic Naive Bayes classifier implemented from scratch to predict a customer's rating (1 or 5 stars) based on the text.

- **Interactive Cookbook** (Regex, Web scraping, POS Tagging)

This is a recipe parser which uses keywords analysis, web scraping, bigrams and trigrams to present the recipe and related information and answer the queries of a user on how to cook anything present on the website allrecipes.com.

Skills

- Organized workshops for project "Prajwal" at ENACTUS NPTI from Dec 2015 – to July 2016.
- Member of the technical committee of the Annual Cultural Fest in 2017.
- Worked as an Event Coordinator in the Annual Sports Fest of NPTI held in February 2018.
- Proficient with SQL, major Python libraries, MS Excel and Google Earth.