







SYED KHUSRO NIZAM

MACHINE LEARNING ENGINEER & DATA SCIENTIST

CONTACT

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EDUCATION

2022-2022

Seneca college- school of software design and data science [Toronto. Canada]

Post Graduate Degree in Business Analytics

2021-2021

Centennial College- The business school [Toronto. Canada]

Post Graduate Degree in Project Management

2012-2016

Osmania University [Hyderabad, India]

Bachelor of Engineering in Electronics and computer science engineering

TECHNICAL SKILLS

- **Machine Learning:** Supervised, Unsupervised and Deep Learning- TensorFlow
- **Programming Languages:** Python, JavaScript, SAS, ABAP
- **Python Libraries:** Scikit-learn, Pandas, NumPy, BeautifulSoup, NLTK, Keras, PyTorch
- **Data Visualization:** Matplotlib, Plotly, Seaborn, Tableau
- **Database:** SQL (MySQL), NoSQL (MongoDB)
- **Math & Statistics:** Linear Algebra Descriptive Stats, Probability
- **Deployment:** Flask, AWS, Azure, Heroku

MANAGEMENT SKILLS

- Agile Methodology
- Project Management
- Trello, Git, PowerPoint
- Verbal and written communication

DATA SCIENCE NLP ACADEMIC PROJECTS

Oscars 2022 - Tweets analysis of Slap controversy: [\[Github\]](#)

- Gathered tweets using the Python package **Tweepy** by accessing **Twitter API**
- Performed data cleaning, text-preprocessing tasks using **NLTK** library.
- Conducted sentiment and subjectivity analysis and topic modelling using **pyLDAvis** and **sci-kit learn** library
- Generated a word cloud and plotted the results using **matplotlib** library.

Twitter Analysis of Stock Market Crash 2022: [\[Github\]](#)

- Examined the topics discussed in tweets about the 2022 stock market crash.
- Performed **topic modeling**, **sentiment analysis**
- Analyzed the distribution of hashtags (related to the tweets).

YouTube Video Comments Analysis: [\[Github\]](#)

- Scraped video comments using **YouTube data API**.
- Performed data cleaning, text-preprocessing tasks using **NLTK** library.
- Performed **Stemming**, **lemmatization** on the textual data.
- Generated a word cloud and plotted the results using **matplotlib** library.

CERTIFICATIONS

- Cloud certifications: Snowflake fundamentals, Microsoft Azure fundamentals, SAP cloud platform fundamentals.
- Infosys certified SAP ABAP/ SAP UI5 developer

EXPERIENCE

2018-2019

Sr. Software Engineer | Infosys Technologies Limited, India

- **Automated the SQL** to update the anomalous and corrupt data of 3+ million records flowing per week, leading to **saving up to 20+ man hours per week**, for a leading retail store.
- Implemented bundling and Signage of merchandise, by writing optimized stored procs in **SQL** using **version control tool** CVS and performed UAT with 0 defects leading to **15% better deals**.

2016-2018

Software Engineer | Infosys Technologies Limited, India

- Handled **SAP ERP** Implementation, Development, Maintenance, Upgrade and Support activities for modules including SAP FICO, SD, MM, PP/QM, SRM, APO, SAP VIM.
- **Optimized performance** of costly running background Jobs/**Reports by 30%**.
- **Proactive** in requirement gathering, technical feasibility check, effort estimation, Functional and Technical document design, development, testing, maintenance, upgrade & support activities.