

Khevna Parikh

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EXPERIENCE

Data Science Intern

June 2022 - present

Fox Corporation – Tubi, Inc.

- Liaise with product managers to address ad-hoc requests, including evaluating the content viewership decay of Tubi's trending 1K titles
- Conduct content analysis between Tubi and 153 streaming platforms to motivate executive decisions in content acquisition using PySpark in Databricks
- Develop dashboards to determine and track Tubi KPIs over time using SQL

Legislative Fiscal Analyst

Jan. 2019 – Aug. 2021

New York State Assembly

- Implemented an income tax surcharge on high-income earners to increase State revenue by \$4 billion, which eliminated budget deficits and continued funding of state programs
- Developed econometric models in SAS to forecast New York State tax revenue using a data file consisting of 10.5 million personal income tax returns
- Analyzed and executed budget recommendations on all personal income tax bills and effectively communicated insights on related bills to legislators and advocates
- Monitored \$55 billion daily State personal income tax revenues and expenditures

Data Analyst

Aug. 2018 – Dec. 2018

Hofstra Northwell Graduate School of Nursing

- Performed data entry procedures to process clinical placements for 200 nursing students
- Designed and assessed student course evaluations to enhance future iterations of class
- Recruited preceptors and co-facilitated onboarding and preceptor development sessions

PROJECTS

Emotions of War in Ukraine: Analyzing Public Sentiment from Twitter Data

- Collected 440K tweets from the Russia-Ukraine region using Twitter API and preformed preprocessing measures such word stemming tweets in Cyrillic alphabet
- Trained a [Latent Dirichlet Allocation](#) (LDA) topic model to discover the natural groupings of words or topics relevant to emotions of individuals of the ongoing Russian-Ukrainian conflict

Big Data: Movie Recommender System

- Deployed an [Alternating Least Squares](#) (ALS) model for implicit feedback in PySpark on [MovieLens 25M dataset](#); Tuned various parameters including the number of latent factors to deal with the issues of scalability and sparseness

SKILLS

Python, Spark, SQL, R Studio, Git and Version Control, AWS Services, and familiarity with SAS Regression, Classification, Clustering, and other Supervised & Unsupervised Machine Learning Exceptional verbal knowledge of English, Hindi, and Gujarati; Intermediate knowledge of French

EDUCATION

Master of Science in Data Science

May 2023

New York University

- *Courses*: Big Data, Machine Learning, Text as Data, ML in Finance, Linear Algebra
- *Leadership*: Vice President: Graduate Community Group, Public Finance Fellow, Grader

Bachelor of Science in Applied Mathematics & Statistics and Psychology

May 2018

Stony Brook University

- *Leadership*: Teaching Assistant, Research Assistant, Academic Peer Advisor