

VIRAJ KUNTHE

DATA SCIENTIST

EXPERIENCE

Product Engineer | Amphenol-CTI

JUN 2021 - MAR 2022, TORONTO, ON

- Prepared wire cut-lists for the manufacturing team.
- Introduced a new format for standard cut-list documents to reduce manufacturing errors.

Structures Engineer | Multimatic

NOV 2020 - APR 2021, MARKHAM, ON

- Developed a model to predict gear noise for the door actuator mechanism of a luxury vehicle.
- Performed Dynamic analysis of complex mechanisms in MSC ADAMS to predict loads and evaluated performance with an accuracy higher than 90%.

Vibration Analysis Engineer | Force Motors

JAN 2017 - AUG 2019, PUNE, INDIA

- Performed frequency response analysis on full-vehicle models and matched simulated data with test data with 93% accuracy to ascertain model veracity.

PROJECTS

Capstone Project Script success Score Predictor (NLP) | Brainstation Data Science

JUL 2022

- Used supervised learning models in python to predict the success score of a movie (combination of imdb and box office scores) based solely on the text in a movie script.
- Analyzed more than 1000 movie scripts to train the model and provide insights based on movie genre, rating, box office performance and imdb scores.
- Performed Unsupervised learning to look at clustering patterns in the script data.

Industry Project | Canada Goose

JUL 2022

- Part of the data science team that designed a six month campaign aimed at improving online sales by 10%
- Provided insights into words used in positive and negative reviews which informed the design of the campaign.

virajkunthe88@gmail.com

+1 (437)-248-1020

[linkedin.com/in/virajkunthe/](https://www.linkedin.com/in/virajkunthe/)

github.com/virajkunthe88

SKILLS

Python, PySpark, R, SPS, SQL, Hadoop, AWS, Google Analytics, GitHub, Tableau.

PROFILE

I am a Mechanical Engineer with a background in vibration data analysis. With BrainStation, I have added more data-centric tools to my portfolio. Looking forward to working towards an fulfilling career in the field of Data Science.

EDUCATION

BrainStation | Diploma

Candidate, Data Science

APR 2022-JUL 2022, TORONTO, ON

University of Cincinnati | M.S in Mechanical Engineering

SEP 2011- JAN 2016, CINCINNATI, OH, USA

Graduate scholarship (100% Tuition Waiver)