

SONALI KAMRA

DATA SCIENTIST

EXPERIENCE

Mathematics Educator | Best Brains

JUNE 2020- PRESENT, MISSISSAUGA, ON

- Responsible for teaching mathematics, Scratch and Python.
- Developed mathematics curriculum accustomed to the level of the learners.
- Responsible for doing the result analysis student wise and providing insights about strategies for improvements.

Mathematics Educator | St. Thomas' School

AUG 2018 – FEB 2020, DELHI, INDIA

- Developed unique formulas and techniques on MS excel and enabled students grasping topics easily.
- Prepared lesson plans on MS Power-point.

Mathematics Educator | DAV Public School

JULY 2017 – MAY 2018, DELHI, INDIA

- Taught mathematics and statistics from grade 6th -12th
- Did result analysis for different grades term -wise.

Head of Department, Mathematics | Indian Heights School

APR 2014 – MAY 2017, DELHI, INDIA

- Taught mathematics to grade 11th and 12th.
- Developed term-wise analysis reports for students' results using MS-excel.

Technical Educator | NIIT

JUL 2011 – MAY 2013, DELHI, INDIA

- Taught SQL, MS-Excel and SAS to students to prepare them with the skills used for data analysis and modelling.

EDUCATION

Brain Station | Diploma Candidate, Data Science

AUG 2020 - Present, TORONTO, ON

GGSIIP University | Bachelor's in Education, Mathematics

JUL 2013 -JUN 2014 NEW DELHI, INDIA

Delhi University| Bachelor's in Science (Honors), Computer Science

JUL 2008 - MAY 2011, NEW DELHI, INDIA

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SKILLS

Python, R, SAS, SQL, Tableau, C++, PANDAS, NUMPY, SCIPY, Statistical Modelling, Machine Learning. GIT HUB

PROFILE

I am a data enthusiast with 7+ years of experience in Mathematics and Statistics.

I am an aspiring Data Scientist passionate about analysis and research with a zeal to collaborate and apply the knowledge gained in the two subjects towards doing real life modelling to business questions in the industry.

CAPSTONE PROJECT

Fraudulent Claims in Health Insurance (OCT 2020):

The model is trained to detect fraudulent claims made by the policy holders and the insurance providers.