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Only program in India to be offered by pure-play Data Scientists

Transform your future with cutting-edge Data Science Course for kids

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Message from
Naveen Jain
CEO

Preteens and adolescents confront the advancements of society as has been designed by the previous generation of adults. Before they can start contributing to society by taking up the roles they'd like to pursue in their higher studies, they must know what, how, and why of the world that is about to be bestowed upon them. A concise, technically sound, and mentally engaging mechanism is, therefore, highly desirable so that the students can make better choices about the avenues best suited for them.

World is moving faster with flying cars, drones, brain reading robots, hydrogen planes and what not. I certainly as a parent would love to see my children flying high with the world and I see the same zeal in you too, as a parent. What keeps me awake at night is the attitude of the kids of today towards a universal curiosity to deal with technology. During my interactions with the students, I have observed an unbridled desire to learn and build things using technology. This bolsters my belief that the young professionals of tomorrow will be technically very savvy and the divide between the tech haves and have-nots which we see today will gradually become a rarer phenomenon.

This bootcamp is about enabling inquisitive students to making sense of the world that is increasingly run and shaped by data science and machine learning. This, by no means is suggestive that all kids must become coders in their professional lives. This is just a primer that prepares them to make informed choices about how to reckon with this world. This is not even a tutoring program. This is what I call a loosely held, keenly mentored, and consciously centered around self-learning. My intent through this bootcamp is to bring the interesting and engaging content to the students so that they can connect to the real-world through experiences.

I, therefore, encourage the parents of young learners to have a look at our distinctive pedagogy that lets your children learn in small learning trajectories, one at a time.

> " Being able to 'go beyond the information' given to 'figure things out' is one of the few untarnishable joys of life. "
> *Jerome Bruner*

Curriculum

1.   The Data Mindset

- Thinking about Data
- Anatomy of data - dimensions, quality, quantity
- Data manipulation using Excel and SQL

2.   Python for Machine Learning

- Basic paradigms of programming
- A skinny introduction to Python
- Python Libraries

3.   Fundamentals of Machine Learning

- Introduction to Machine Learning
- How does a Machine Learn
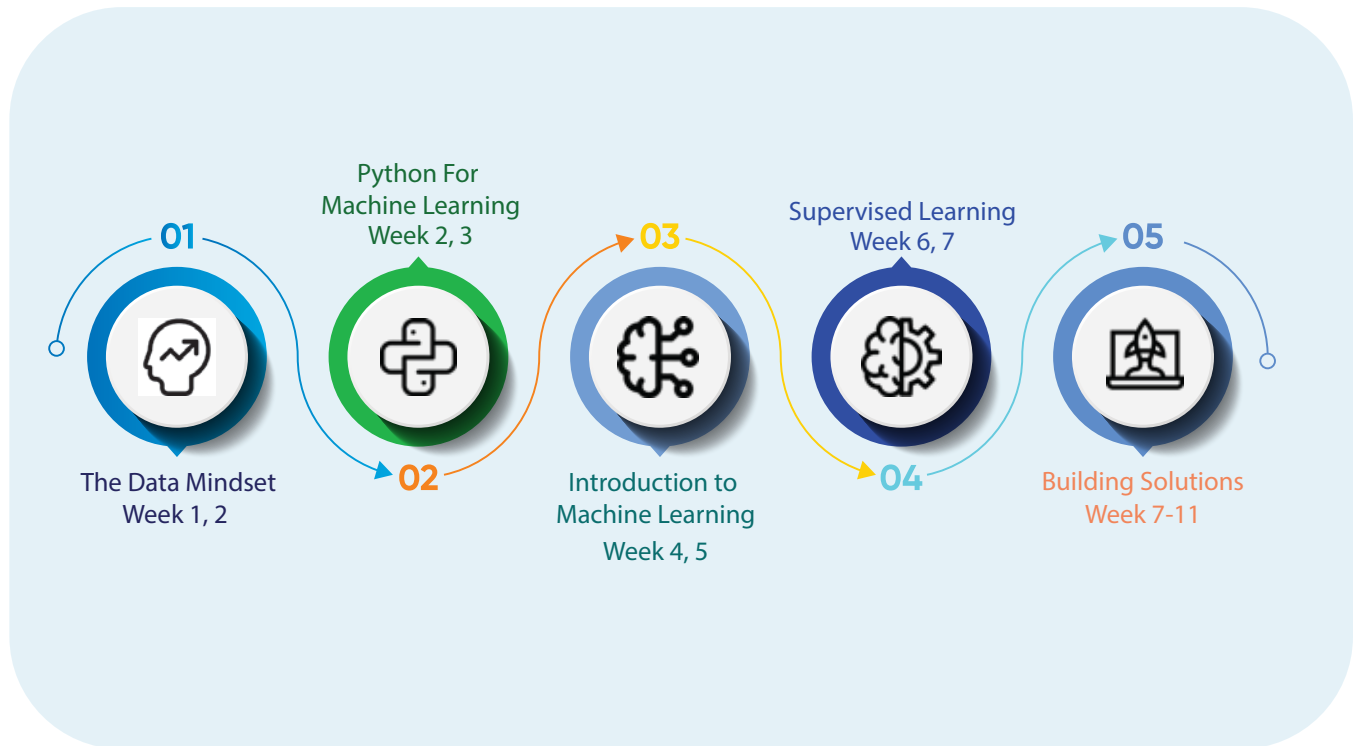- Exploratory Data Analysis
- Feature Engineering

4.   Supervised Learning

- Introduction to Linear Regression
- Introduction to Logistic Regression
- Demonstration

5.   Building Solutions

- The Project – theme selection
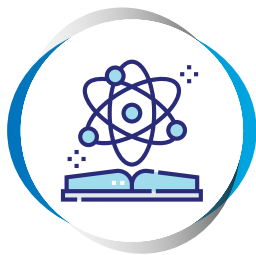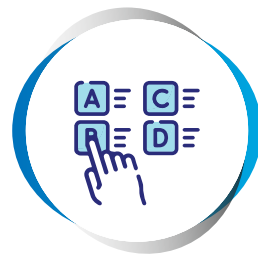- Mentorship
- Evaluation

User Journey

01 The Data Mindset
Week 1, 2

02 Python For Machine Learning
Week 2, 3

03 Introduction to Machine Learning
Week 4, 5

04 Supervised Learning
Week 6, 7

05 Building Solutions
Week 7-11

Tools Covered

SQL   Excel   scikit learn

python   matplotlib   NumPy

pandas   seaborn   SciPy

tableau   plotly

Course Features

Builds a Strong Data Science Foundation

Course Led by Data Science Experts

Curated Problem Sets and Quizzes

Live Classes by Expert Data Science Instructors

Capstone Project under the guidance of Data Scientists

Letter of Recommendation

Course Fees	₹ 30,000
Course Duration	2.5 months

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Contact Information

Anju Jain

📞 +91 87655 42092

✉️ anju@transorg.com

Shailabh Verma

📞 +91 80836 63467

✉️ shailabh.verma@transorg.com

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