# Shortest / Rigorous Path

If studying full-time with our program and want to finish earliest. Very high intensity path.

 $\approx$  30 - 40 hours effort per week

**Total: 3 years (9 Terms)** 3 or 4 courses per term

**QUALIFIER**week 1 - week 4

Rs.3,000\*/Rs.1,500\*/Rs.750\*

Mathematics for Data Science I Statistics for Data Science I Computational Thinking English I

TERM 1

week 5 onwards

Rs.16,000 / Rs.8,000 / Rs.4,000

Mathematics for Data Science I Statistics for Data Science I Computational Thinking English I

TERM 2

Rs.16,000 / Rs.8,000 / Rs.4,000

Mathematics for Data Science II Statistics for Data Science II Programming in Python English II

TERM 3

Rs.30,000 / Rs.15,000 / Rs.7,500

Database Management Systems Programming, Data Structures & Algorithms using Python Modern Application Development I

TERM 4

Rs.30,000 / Rs.15,000 / Rs.7,500

Business Data Management Programming Concepts using Java Modern Application Development II

TERM 5

Rs.25,000 / Rs.12,500 / Rs.6,250

Machine Learning Foundations Business Analytics Skill Enhancement I\*\*

TERM 6

Rs.25,000 / Rs.12,500 / Rs.6,250

Machine Learning Theory Machine Learning Practice Skill Enhancement II\*\*

TERM 7

Rs.40,000 / Rs.20,000 / Rs.10,000

Core I Core II Elective I

Strategies for Professional Growth

TERM 8

Rs.35,000 / Rs.17,500 / Rs.8,750

Project I Elective II

Elective III

Skill Enhancement III\*\*

TERM 9

Rs.25,000 / Rs.12,500 / Rs.6,250

Elective IV Project II

Skill Enhancement IV\*\*



BSc Degree in
Programming and Data Science
from IIT Madras

\* Application Fee, irrespective of family income: Rs.3,000 - General applicants Rs.1,500 - PwD / SC / ST applicants Rs.750 - PwD & SC / ST applicants

### Colour Key to reading Fee for each Term:

Full Term Fee, no waiver - for General / EWS / OBC candidates with family income > 5LPA 50% Fee waiver - for General / EWS / OBC candidates with family income <= 5LPA and > 1 LPA - for SC / ST / PwD candidates with family income > 1 LPA

75% Fee waiver - for General / EWS / OBC candidates with family income <= 1 LPA

- for SC / ST / PwD candidates with family income <= 1 LPA
- for SC / ST and PwD candidates irrespective of family income

<sup>\*\*</sup> All Skill Enhancement courses are of 2 course credits each. All other courses are of 4 credits each. That also means that the fee and number of hours of content for each Skill Enhancement course shall be half that of every other course.

## Moderate-intensity Path

Recommended if studying part-time with our program and if already familiar with the topics covered.

 $\approx$  20 - 30 hours effort per week

Total: 4 years (12 Terms)

2 or 3 courses per term

**QUALIFIER** • week 1 - week 4

Rs.3,000\*/Rs.1,500\*/Rs.750\*

Mathematics for Data Science I Statistics for Data Science I Computational Thinking English I

TERM 1

week 5 onwards

Rs.12,000 / Rs.6,000 / Rs.3,000

Mathematics for Data Science I Computational Thinking English I

TERM 2

Rs.12,000 / Rs.6,000 / Rs.3,000

Statistics for Data Science I Mathematics for Data Science II Programming in Python

TERM 3

Rs.8.000 / Rs.4.000 / Rs.2.000

Statistics for Data Science II

English II

TERM 4

Rs.30,000 / Rs.15,000 / Rs.7,500

Database Management Systems Programming, Data Structures & Algorithms using Python

Modern Application Development I

TERM 5

Rs.30,000 / Rs.15,000 / Rs.7,500

Business Data Management Programming Concepts using Java

Modern Application Development II

TERM 6

Rs.25,000 / Rs.12,500 / Rs.6,250

Machine Learning Foundations

**Business Analytics** Skill Enhancement I\*\*

TERM 7

Rs.25,000 / Rs.12,500 / Rs.6,250

Machine Learning Theory Machine Learning Practice

Skill Enhancement II\*\*

TERM 8

Rs.30,000 / Rs.15,000 / Rs.7,500

Core I Core II

Strategies for Professional Growth

TERM 9

Rs.20,000 / Rs.10,000 / Rs.5,000

Elective I Project I

**TERM 10** 

Elective II

Rs.20,000 / Rs.10,000 / Rs.5,000

Flective III

TERM 11

Flective IV

Rs.15,000 / Rs.7,500 / Rs.3,750

Skill Enhancement III\*\*

**TERM 12** 

Rs.15,000 / Rs.7,500 / Rs.3,750

Project II Skill Enhancement IV\*\*



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75% Fee waiver - for General / EWS / OBC candidates with family income <= 1 LPA

- for SC / ST / PwD candidates with family income <= 1 LPA</p>

- for SC / ST and PwD candidates irrespective of family income

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### Comfortable Path

Recommended if studying part-time with our program and wish to explore each course thoroughly.

≈ 15 - 25 hours effort per week

Total: 5 years (15 Terms) 2 or 3 courses per term

**QUALIFIER** • week 1 - week 4 Rs.3,000\*/Rs.1,500\*/Rs.750\*

Mathematics for Data Science I Statistics for Data Science I Computational Thinking English I

TERM 1

week 5 onwards

Mathematics for Data Science I Statistics for Data Science I

Rs.8,000 / Rs.4,000 / Rs.2,000

TERM 2

Mathematics for Data Science II Statistics for Data Science II

TERM 3

Rs.8,000 / Rs.4,000 / Rs.2,000

Rs.8,000 / Rs.4,000 / Rs.2,000

Computational Thinking

English I

TERM 4

Rs.8,000 / Rs.4,000 / Rs.2,000

English II **Programming in Python** 

Skill Enhancement I\*\*

TERM 5 Database Management Systems

Rs.20,000 / Rs.10,000 / Rs.5,000

Programming, Data Structures & Algorithms using Python

TERM 6

Rs.15,000/Rs.7,500/Rs.3,750

Modern Application Development I

TERM 7

Rs.20,000 / Rs.10,000 / Rs.5,000

Programming Concepts using Java Machine Learning Foundations

TERM 8

Rs.15,000 / Rs.7,500 / Rs.3,750

**Business Data Management** Skill Enhancement II\*\*

TERM 9

Modern Application Development II

**Business Analytics** Rs.20,000 / Rs.10,000 / Rs.5,000

**TERM 10** 

Machine Learning Theory

Rs.20,000 / Rs.10,000 / Rs.5,000

Machine Learning Practice

**TERM 11** 

Rs.20,000 / Rs.10,000 / Rs.5,000

Core I Core II

TERM 12 Rs.25,000 / Rs.12,500 / Rs.6,250

Elective I Strategies for Professional Growth

Skill Enhancement III\*\*

**TERM 13** 

Rs.20,000 / Rs.10,000 / Rs.5,000

Project I Elective II

TERM 14 •

Elective III

Rs.20,000 / Rs.10,000 / Rs.5,000

Elective IV

**TERM 15** 

Project II

Rs.15,000 / Rs.7,500 / Rs.3,750

Skill Enhancement IV\*\*



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75% Fee waiver - for General / EWS / OBC candidates with family income <= 1 LPA

- for SC / ST / PwD candidates with family income <= 1 LPA
- for SC / ST and PwD candidates irrespective of family income

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