Pratyush Pattanaik

23ETAI410035

Group 11

Part 1 – TechA Deep Learning and Neural Network Certification (15 Marks)

Students are required to complete the **TechA Deep Learning and Neural Network Certification** available on **Infosys Springboard**.
This certification introduces essential concepts and tools such as ANN, CNN, data augmentation, Keras, TensorFlow, R, and Python.
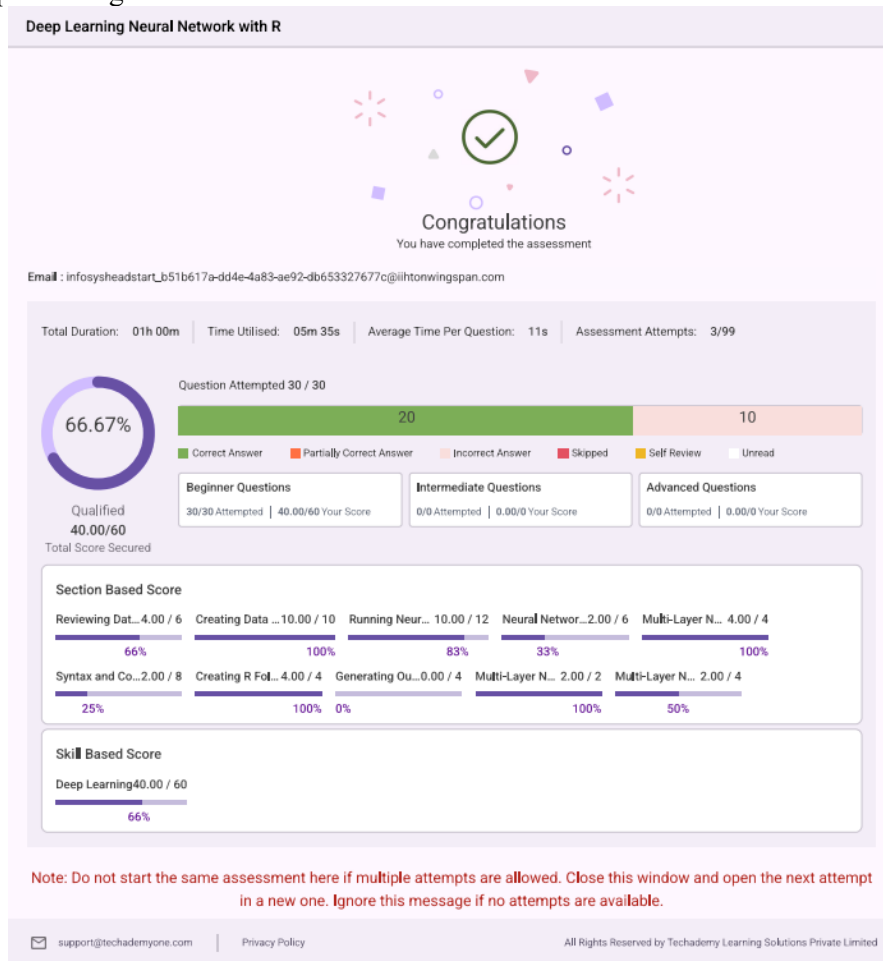
Certification Link:
https://infyspringboard.onwingspan.com/web/en/app/toc/lex_auth_013823396111933440557_sh
ared/overview#iss=https:/infyspringboard.onwingspan.com/auth/realms/infyspringboard&iss=
htt ps://infyspringboard.onwingspan.com/auth/realms/infyspringboard

Steps to Complete:
1. Enroll in the course using the link above.
2. Complete all pre-content modules:
     o *Deep Learning Neural Network with R* (3h 26m)
     o *Deep Learning Architecture for Building Artificial Neural Networks* (2h 42m)
     o *Deep Learning with Keras* (2h 21m)
3. On completion, take the certification exam, **download the certificate** from the Infosys Springboard portal.
4. Submit the **certificate screenshot or PDF** as proof to earn 15 marks.

Course 1: Deep Learning Neural Network with R

Congratulations
You have completed the assessment

Email : infosysheadstart_b51b617a-dd4e-4a83-ae92-db653327677c@iihtonwingspan.com

| Total Duration: 01h 00m | Time Utilised: 05m 35s | Average Time Per Question: 11s | Assessment Attempts: 3/99 |

Question Attempted 30 / 30

66.67%

| 20 | 10 |

■ Correct Answer ■ Partially Correct Answer ■ Incorrect Answer ■ Skipped ■ Self Review □ Unread

Qualified
40.00/60
Total Score Secured

Beginner Questions	Intermediate Questions	Advanced Questions
30/30 Attempted | 40.00/60 Your Score	0/0 Attempted | 0.00/0 Your Score	0/0 Attempted | 0.00/0 Your Score

Section Based Score

Reviewing Dat... 4.00 / 6	Creating Data ... 10.00 / 10	Running Neur... 10.00 / 12	Neural Networ... 2.00 / 6	Multi-Layer N... 4.00 / 4
66%	100%	83%	33%	100%

Syntax and Co... 2.00 / 8	Creating R Fol... 4.00 / 4	Generating Ou... 0.00 / 4	Multi-Layer N... 2.00 / 2	Multi-Layer N... 2.00 / 4
25%	100%	0%	100%	50%

Skill Based Score

Deep Learning 40.00 / 60

66%

Note: Do not start the same assessment here if multiple attempts are allowed. Close this window and open the next attempt in a new one. Ignore this message if no attempts are available.

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||||||||||| **COURSE COMPLETION CERTIFICATE** |||||||||||

The certificate is awarded to

Pratyush Pattanaik

for successfully completing the course

Deep Learning Neural Network with R

on December 14, 2025

Infosys | Springboard

Congratulations! You make us proud!

Satheesha. B.N.
Satheesha B. Nanjappa
Senior Vice President and Head
Education, Training and Assessment
Infosys Limited

Issued on: Monday, December 22, 2025
To verify, scan the QR code at https://verify.onwingspan.com

Course 2: -

Deep Learning Architecture for Building Artificial Neural Networks

Congratulations
You have completed the assessment

| Total Duration: 01h 00m | Time Utilised: 11m 34s | Average Time Per Question: 57s | Assessment Attempts: 1/99 |

100.00%

Question Attempted 12 / 12

| 12 |

Correct Answer | Partially Correct Answer | Incorrect Answer | Skipped | Self Review | Unread

Qualified
24.00/24
Total Score Secured

Beginner Questions	Intermediate Questions	Advanced Questions
12/12 Attempted	24.00/24 Your Score	0/0 Attempted	0.00/0 Your Score	0/0 Attempted	0.00/0 Your Score

Section Based Score

Artificial neur... 6.00 / 6	Deep Learnin... 6.00 / 6	Neural networ... 6.00 / 6	What is Deep ... 6.00 / 6
100%	100%	100%	100%

Skill Based Score

Python 24.00 / 24
100%

Note: Do not start the same assessment here if multiple attempts are allowed. Close this window and open the next attempt in a new one. Ignore this message if no attempts are available.

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Deep Learning Architecture for Building Artificial Neural Networks
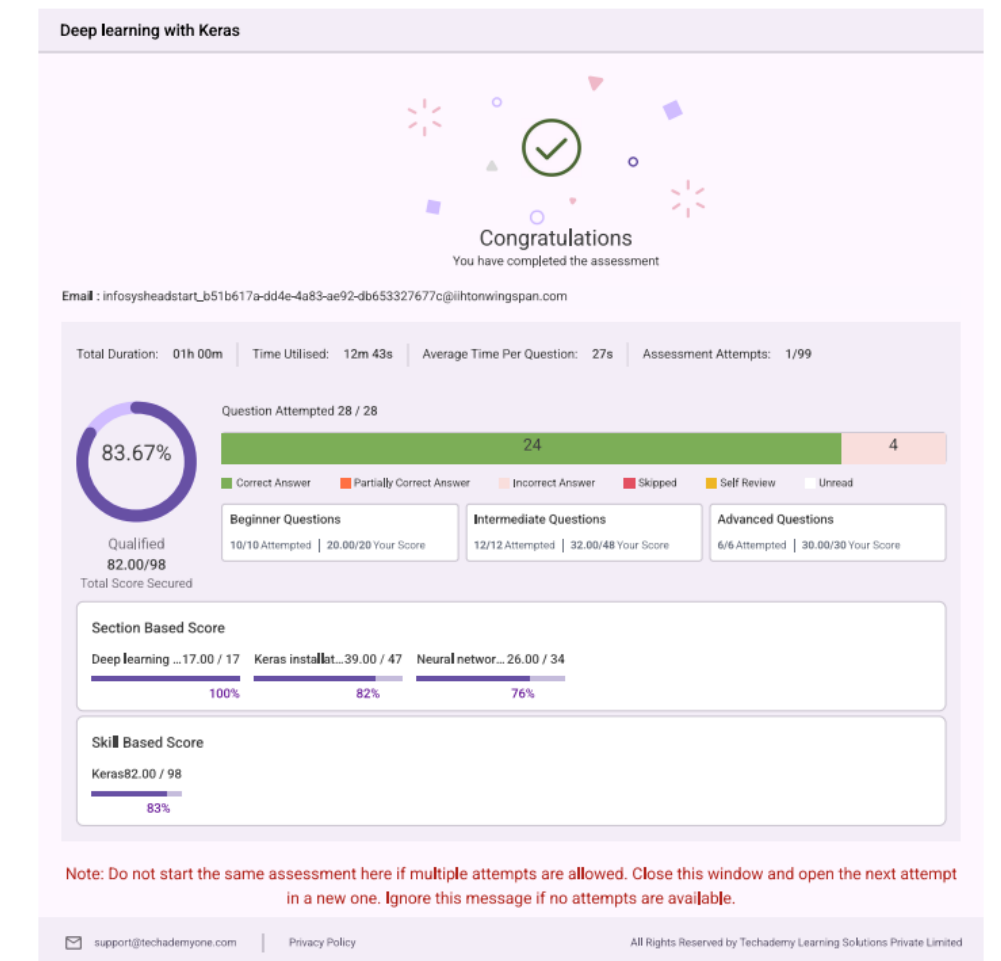
on December 16, 2025

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Senior Vice President and Head
Education, Training and Assessment
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Course 3: -

Deep learning with Keras

Congratulations
You have completed the assessment

Email : infosysheadstart_b51b617a-dd4e-4a83-ae92-db653327677c@iihtonwingspan.com

| Total Duration: | 01h 00m | Time Utilised: | 12m 43s | Average Time Per Question: | 27s | Assessment Attempts: | 1/99 |

83.67%

Qualified
82.00/98
Total Score Secured

Question Attempted 28 / 28

| 24 | 4 |

■ Correct Answer   ■ Partially Correct Answer   □ Incorrect Answer   ■ Skipped   ■ Self Review   □ Unread

Beginner Questions	**Intermediate Questions**	**Advanced Questions**
10/10 Attempted	20.00/20 Your Score	12/12 Attempted	32.00/48 Your Score	6/6 Attempted	30.00/30 Your Score

Section Based Score

Deep learning ...17.00 / 17   Keras installat...39.00 / 47   Neural networ... 26.00 / 34

100%   82%   76%

Skill Based Score

Keras82.00 / 98

83%

Note: Do not start the same assessment here if multiple attempts are allowed. Close this window and open the next attempt in a new one. Ignore this message if no attempts are available.

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Deep Learning with Keras

on December 16, 2025

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Final Certification: -

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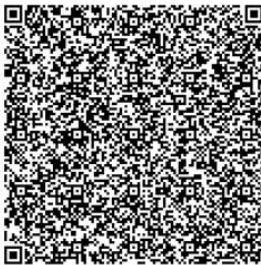| | | | | | | | | | | CERTIFICATE OF ACHIEVEMENT | | | | | | | | | |

The certificate is awarded to

Pratyush Pattanaik

for successfully completing

TechA Deep Learning and Neural Network Certification

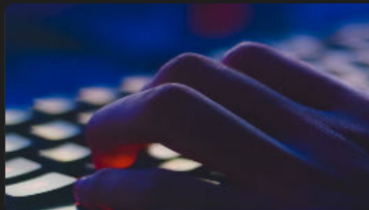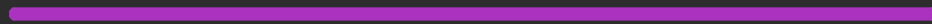on December 19, 2025

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Issued on: Friday, December 19, 2025
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TechA Deep Learning and Neural Network Certification

Deep learning is a subfield of machine learning, and neural networks make up the backbone of deep learning algorithms.

Learning Progress ⓘ

Status: Certified

Your progress was automatically captured from its source.

Completion Certificate

Overview   **Take Certification**   Discussions   Jobs

Congratulations!

You have completed this certification on Friday, December 19, 2025 at 9:33:03 PM GMT+05:30 with a score of 75

You are not allowed to take this certification again.