

## Y-19 CSE 2020-21 ODD SEM MOOCs

### **4.Artificial Intelligence**

For Guided Regular:

1. INFYTQ.INFOSYS – Programming Fundamentals Using Python - Course

For Self-Regular:

1. INFYTQ.INFOSYS – Programming Fundamentals Using Python - Course
2. Coursera – IBM Applied AI – IBM - Professional Certificate

There are 6 courses in this:

1. Introduction to Artificial Intelligence
2. Getting Started with AI using IBM Watson
3. Building AI Powered Chatbots Without Programming
4. Python for Data Science and AI
5. Building AI Applications with Watson APIs
6. Introduction to Computer Vision with Watson and OpenCV

For Guided Advanced:

1. INFYTQ.INFOSYS – Programming Fundamentals Using Python - Course
2. INFYTQ.INFOSYS – Object Oriented Programming using Python - Course

For Self-Advanced:

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  5. Building AI Applications with Watson APIs
  6. Introduction to Computer Vision with Watson and OpenCV
4. Coursera – Python Data Structures – Guided Project
  5. Coursera – Create a Guessing Number Game from Scratch – Guided Project
  6. Coursera – Pandas Python Library for Beginners in Data Science – Guided Project
  7. Coursera – Intermediate Pandas Python Library for Data Science – Guided Project
  8. Coursera – Create a Python Application using MySQL – Guided Project
  9. Coursera – Linear Regression with Python – Guided Project
  10. Coursera – Processing Data with Python – Guided Project
  11. Coursera – Logistic Regression with Python and Numpy – Guided Project
  12. Coursera – Testing and Debugging Python – Guided Project
  13. Coursera – Game Theory with Python – Guided Project
  14. Coursera – Classification Trees in Python, From Start to Finish – Guided project
  15. Coursera – Version Control of a Python Project Using Git – Guided Project

16. Coursera – Linear Regression with NumPy and Python – Guided Project
17. Coursera – Create your First Game with Python – Guided Project
18. Coursera – Big-O Time Complexity in Python Code – Guided Project
19. Coursera – Create your own Sudoku Solver using AI and Python – Guided Project

For Peer-Advanced:

1. Udacity – Intro to Artificial Intelligence – Course
2. INFYTQ.INFOSYS – Object Oriented Programming using Python - Course
3. INFYTQ.INFOSYS – Data Structures and Algorithms using Python – Course
4. Coursera – IBM AI Engineering – IBM – Professional Certificate  
There are 6 courses in this:
  1. Machine Learning with Python
  2. Scalable Machine Learning on Big Data using Apache Spark
  3. Introduction to Deep Learning & Neural Networks with Keras
  4. Deep Neural Networks with PyTorch
  5. Building Deep Learning Models with TensorFlow
  6. AI Capstone Project with Deep Learning
5. Coursera – IBM Applied AI – IBM - Professional Certificate  
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