January 2024

- **8th Jan (Mon)**: Session 1: Introduction to Artificial Intelligence and Machine Learning
- **9th Jan (Tue)**: Session 1: Continuation and Q&A
- **10th Jan (Wed)**: Session 2: Introduction to Python Programming for AI and ML
- **11th Jan (Thu)**: Session 2: Hands-on Python basics
- **12th Jan (Fri)**: Session 2: Advanced Python concepts
- **13th Jan (Sat)**: **Holiday**
- **14th Jan (Sun)**: **Holiday**
- **15th Jan (Mon)**: **Holiday**
- **16th Jan (Tue)**: Session 3: Control Flow Statements in Python
- **17th Jan (Wed)**: **Holiday**
- **18th Jan (Thu)**: Session 3: Hands-on with Control Flow Statements
- **19th Jan (Fri)**: Session 3: Q&A and practice problems
- **20th Jan (Sat)**: Practice and Project work
- **21st Jan (Sun)**: **Holiday**
- **22nd Jan (Mon)**: Session 4: Data Structures in Python
- **23rd Jan (Tue)**: Session 4: NumPy basics
- **24th Jan (Wed)**: Session 4: Pandas basics
- **25th Jan (Thu)**: **Holiday**
- **26th Jan (Fri)**: **Holiday**
- **27th Jan (Sat)**: Practice and Project work
- **28th Jan (Sun)**: **Holiday**
- **29th Jan (Mon)**: Session 5: Data Preprocessing and Cleaning
- **30th Jan (Tue)**: Session 5: Handling missing data and outliers
- **31st Jan (Wed)**: Session 5: Feature scaling and encoding

February 2024

- **1st Feb (Thu)**: Session 5: Q&A and practice problems
- **2nd Feb (Fri)**: Session 6: Introduction to Machine Learning

- **3rd Feb (Sat)**: Practice and Project work
- **4th Feb (Sun)**: **Holiday**
- **5th Feb (Mon)**: Session 6: Supervised vs Unsupervised learning
- **6th Feb (Tue)**: Session 7: Linear Regression
- **7th Feb (Wed)**: Session 7: Hands-on Linear Regression
- **8th Feb (Thu)**: Session 7: Logistic Regression
- **9th Feb (Fri)**: Session 7: Hands-on Logistic Regression
- **10th Feb (Sat)**: Practice and Project work
- **11th Feb (Sun)**: **Holiday**
- **12th Feb (Mon)**: Session 8: Decision Trees
- **13th Feb (Tue)**: **Holiday**
- **14th Feb (Wed)**: **Holiday**
- **15th Feb (Thu)**: Session 8: Random Forests
- **16th Feb (Fri)**: Session 8: Hands-on with Decision Trees and Random Forests
- **17th Feb (Sat)**: Practice and Project work
- **18th Feb (Sun)**: **Holiday**
- **19th Feb (Mon)**: Session 9: Naive Bayes Classifier
- **20th Feb (Tue)**: Session 9: Hands-on Naive Bayes Classifier
- **21st Feb (Wed)**: Session 9: Q&A and practice problems
- **22nd Feb (Thu)**: Session 10: Support Vector Machines
- **23rd Feb (Fri)**: Session 10: Hands-on Support Vector Machines
- **24th Feb (Sat)**: **Holiday**
- **25th Feb (Sun)**: **Holiday**
- **26th Feb (Mon)**: Session 10: Clustering Algorithms
- **27th Feb (Tue)**: Session 10: Hands-on Clustering Algorithms
- **28th Feb (Wed)**: Session 10: Q&A and practice problems
- **29th Feb (Thu)**: **Holiday**

March 2024

- **1st Mar (Fri)**: Session 11: Dimensionality Reduction Techniques

- **2nd Mar (Sat)**: Practice and Project work
- **3rd Mar (Sun)**: **Holiday**
- **4th Mar (Mon)**: Session 11: PCA and LDA
- **5th Mar (Tue)**: Session 11: Hands-on Dimensionality Reduction Techniques
- **6th Mar (Wed)**: Session 11: Q&A and practice problems
- **7th Mar (Thu)**: Session 12: Introduction to Deep Learning
- **8th Mar (Fri)**: **Holiday**
- **9th Mar (Sat)**: Practice and Project work
- **10th Mar (Sun)**: **Holiday**
- **11th Mar (Mon)**: **Holiday**
- **12th Mar (Tue)**: Session 12: Neural Networks basics
- **13th Mar (Wed)**: **Holiday**
- **14th Mar (Thu)**: **Holiday**
- **15th Mar (Fri)**: Session 12: Hands-on Neural Networks
- **16th Mar (Sat)**: Practice and Project work
- **17th Mar (Sun)**: **Holiday**
- **18th Mar (Mon)**: Session 13: Convolutional Neural Networks (CNNs)
- **19th Mar (Tue)**: Session 13: Hands-on CNNs
- **20th Mar (Wed)**: Session 13: Recurrent Neural Networks (RNNs)
- **21st Mar (Thu)**: **Holiday**
- **22nd Mar (Fri)**: Session 13: Hands-on RNNs
- **23rd Mar (Sat)**: Practice and Project work
- **24th Mar (Sun)**: **Holiday**
- **25th Mar (Mon)**: **Holiday**
- **26th Mar (Tue)**: Session 14: Introduction to Natural Language Processing (NLP)
- **27th Mar (Wed)**: Session 14: Hands-on NLP basics
- **28th Mar (Thu)**: Session 14: Q&A and practice problems
- **29th Mar (Fri)**: **Holiday**
- **30th Mar (Sat)**: Practice and Project work
- **31st Mar (Sun)**: **Holiday**

April 2024

- **1st Apr (Mon)**: Session 15: Sentiment Analysis
- **2nd Apr (Tue)**: Session 15: Hands-on Sentiment Analysis
- **3rd Apr (Wed)**: Session 15: Introduction to Reinforcement Learning
- **4th Apr (Thu)**: Session 15: Hands-on Reinforcement Learning
- **5th Apr (Fri)**: Session 15: Q&A and practice problems
- **6th Apr (Sat)**: Practice and Project work
- **7th Apr (Sun)**: **Holiday**
- **8th Apr (Mon)**: **Holiday**
- **9th Apr (Tue)**: Session 16: Introduction to Computer Vision
- **10th Apr (Wed)**: Session 16: Hands-on Computer Vision basics
- **11th Apr (Thu)**: **Holiday**
- **12th Apr (Fri)**: Session 16: Advanced Computer Vision techniques
- **13th Apr (Sat)**: **Holiday**
- **14th Apr (Sun)**: **Holiday**
- **15th Apr (Mon)**: Session 16: Q&A and practice problems
- **16th Apr (Tue)**: Session 17: Emerging Trends in AI and ML
- **17th Apr (Wed)**: **Holiday**
- **18th Apr (Thu)**: Session 17: Hands-on with emerging AI/ML technologies
- **19th Apr (Fri)**: Session 17: Q&A and practice problems
- **20th Apr (Sat)**: Practice and Project work
- **21st Apr (Sun)**: **Holiday**
- **22nd Apr (Mon)**: Session 17: Discussion on future scope and career in AI/ML
- **23rd Apr (Tue)**: Project work and practice
- **24th Apr (Wed)**: **Holiday**
- **25th Apr (Thu)**: Project work and practice
- **26th Apr (Fri)**: Final project presentations and review
- **27th Apr (Sat)**: Final project presentations and review
- **28th Apr (Sun)**: **Holiday**
- **29th Apr (Mon)**: Final project presentations and review

- **30th Apr (Tue)**: Final project presentations and review

May 2024

- **1st May (Wed)**: Conclusion and feedback session
- **2nd May (Thu)**: Wrap-up session and certificate distribution
- **3rd May (Fri)**: Extra day for final presentations if needed
- **4th May (Sat)**: Extra day for final presentations if needed
- **5th May (Sun)**: **Holiday**
- **6th May (Mon)**: Open Q&A and closing remarks
- **7th May (Tue)**: Buffer day for any leftover sessions
- **8th May (Wed)**: Buffer day for any leftover sessions
- **9th May (Thu)**: Buffer day for any leftover sessions
- **10th May (Fri)**: Buffer day for any leftover sessions
- **11th May (Sat)**: Practice and Project work
- **12th May (Sun)**: **Holiday**
- **13th May (Mon)**: **Holiday**
- **14th May (Tue)**: Practice and Project work
- **15th May (Wed)**: Practice and Project work