PERSONALIZATION

Personalized Tutor Bot

Capacity Test Goal Selection Final Exam Chat Bot Notes

Profile & Personalization

Please tell us about yourself:

I am a:

Student ⌄

Select your level:

College ⌄

Your Stream:

Engineering ⌄

Save Profile

LEARNING CAPACITY TEST

Learning Capacity Test

1. A train travels at a speed of 60 km/h. How long will it take to cover a distance of 360 km?

[4 hours] [6 hours] [8 hours]

2. The capital city of France is ____.

Paris

3. If you are currently in 5th grade, how old are you most likely?

[8 years old] [10 years old] [12 years old]

4. Who is the author of the famous play 'Romeo and Juliet'?

William Shakesphere

5. Which of the following is a prime number?

[4] [9] [13]

6. The Great Wall of China is located in which country?

China

7. What is the square root of 144?

[10] [12] [14]

8. The chemical symbol for water is ____.

h2o

9. Which planet is known as the 'Red Planet'?

[Mars] [Venus] [Jupiter]

10. The largest mammal in the world is the ____ whale.

Blue

11. What is the capital city of Japan?

[Beijing] [Tokyo] [Seoul]

12. The process by which plants make their own food is called ____.

Photosynthesis

13. What is the tallest mountain in the world?

[Mount Everest] [K2] [Kangchenjunga]

14. The currency of the United States of America is the ____ dollar.

united states

15. Who painted the famous artwork 'Mona Lisa'?

[Vincent van Gogh] [Pablo Picasso] [Leonardo da Vinci]

Submit Test

TEST RESULT

Submit Test

Your score: 15 (Fast Learner)

Question	Your Answer	Correct Answer	Result
Question 1	6	6	☑ Correct
Question 10	carrot	carrot	☑ Correct
Question 11	3/8	3/8	☑ Correct
Question 12	dolphin	dolphin	
Question 13	mars	mars	
Question 14	paris	paris	
Question 15	7	7	
Question 2	3	3	
Question 3	3/4	3/4	
Question 4	32	32	
Question 5	triangle	triangle	
Question 6	4 units	4 units	
Question 7	11	11	☑ Correct
Question 8	15	15	☑ Correct
Question 9	12	12	☑ Correct

Correct   Wrong

Unanswered

Continue to Goal Selection

Retake Capacity Test

GOAL SELECTION

Goal Selection

to work on a top mnc like zoho with a background on b.tech aiml in the 3rd year

Set Goal

RECOMMENDATION

Generating personalized path...

Study Plan to Work at Zoho (or similar top MNCs) for a 3rd Year B.Tech AI&ML Student in India

Step 1: Master Core Computer Science Fundamentals

- **Data Structures and Algorithms:** Essential for technical interviews. Practice coding problems on platforms like LeetCode, HackerRank.
  - Resources:
    - GeeksforGeeks
    - Coursera Specialization
- **Database Management Systems:** Learn SQL and NoSQL databases.
  - Resources:
    - Kunal Kushwaha's DBMS Playlist
- **Operating Systems:** Understand processes, threads, memory management, etc.
  - Resources:
    - MIT 6.828
- **Computer Networks:** Basics of networking, protocols, OSI model, etc.
  - Resources:
    - Gate Smashers' CN Playlist

Step 2: Deep Dive into AI & ML

- **Machine Learning Concepts:** Learn supervised, unsupervised learning, neural networks, etc.
  - Resources:
    - Andrew Ng's Machine Learning Course
    - Stanford CS229 (2021)
- **Deep Learning:** Understand CNNs, RNNs, GANs, and frameworks like TensorFlow/PyTorch.
  - Resources:
    - Deep Learning Specialization
    - DeepLearning.ai YouTube Series
- **Natural Language Processing:** Text processing, sentiment analysis, etc.
  - Resources:
    - Coursera NLP Course

Step 3: Build a Strong Portfolio

- **Personal Projects:** Build projects relevant to AI/ML (e.g., object detection, recommendation systems).
- **GitHub:** Maintain an active GitHub profile with well-documented code.
- **Competitions:** Participate in Kaggle or similar platforms.

Step 3: Build a Strong Portfolio

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Step 4: Develop Soft Skills

- **Communication:** Improve written and verbal communication.
  - Resources:
    - [Communication in the 21st Century Workplace](#)
- **Teamwork:** Work in groups on projects or extracurriculars.

Step 5: Practice for Technical Interviews

- **Problem Solving:** Solve problems on LeetCode, HackerRank, CodeChef, etc.
- **Mock Interviews:** Use platforms like Pramp or InterviewBit for practice.
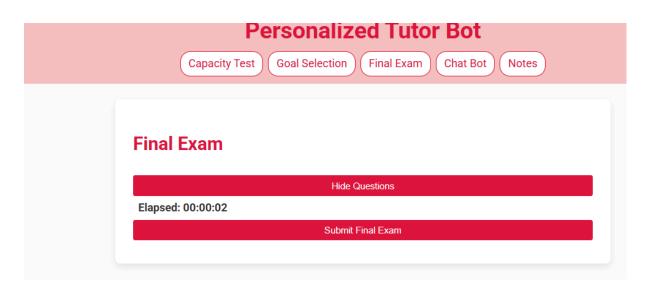
Step 6: Prepare Your Resume & Apply

- **Resume:** Highlight projects and skills. Use [Novoresume](#) for templates.
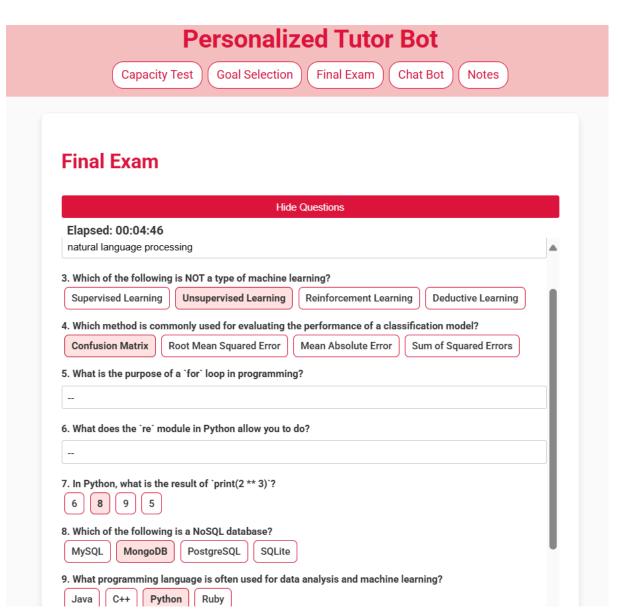- **Apply:** Check [Zoho Careers](#) and LinkedIn for openings.

Step 7: Continuous Learning & Networking

- **Networking:** Connect with professionals on LinkedIn and attend tech meetups/conferences.
- **Stay Updated:** Follow [Zoho Blog](#) and industry leaders.

Proceed to Final Exam

FINAL EXAM

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Final Exam

Hide Questions

Elapsed: 00:00:02

Submit Final Exam

Personalized Tutor Bot

Capacity Test Goal Selection Final Exam Chat Bot Notes

Final Exam

Hide Questions

Elapsed: 00:04:46

natural language processing

3. Which of the following is NOT a type of machine learning?

Supervised Learning Unsupervised Learning Reinforcement Learning Deductive Learning

4. Which method is commonly used for evaluating the performance of a classification model?

Confusion Matrix Root Mean Squared Error Mean Absolute Error Sum of Squared Errors

5. What is the purpose of a `for` loop in programming?

--

6. What does the `re` module in Python allow you to do?

--

7. In Python, what is the result of `print(2 ** 3)`?

6 8 9 5

8. Which of the following is a NoSQL database?

MySQL MongoDB PostgreSQL SQLite

9. What programming language is often used for data analysis and machine learning?

Java C++ Python Ruby

FEEDBACK

Your final exam score: 7 out of 25

Detailed Feedback & Study Recommendations

Final Exam Feedback and Study Recommendations

Exam Field: Preparing to work at a top MNC like Zoho with a background in B.Tech in AIML (currently in 3rd year)

Score: 7 out of 25

Feedback:

- The score indicates a need for significant improvement in both subject knowledge and exam preparation.
- Focus on strengthening your core concepts in AIML and related subjects.
- Develop a structured study plan to cover all essential topics systematically.
- Practice time management during the exam to ensure all questions are attempted effectively.

Study Recommendations

To improve your performance, consider the following recommendations:

1. **AIML Core Concepts:**
   - Revisit fundamental concepts in Machine Learning and Artificial Intelligence.
   - Focus on key algorithms, data structures, and their applications.
2. **Programming and Coding Skills:**
   - Enhance your coding skills in Python, Java, or C++. Codecademy offers excellent beginner to advanced courses.
   - Practice coding challenges on LeetCode and HackerRank.
3. **Projects and Internships:**
   - Work on real-world projects to gain practical experience. Kaggle provides datasets and competitions to test your skills.
   - Consider internships to apply your knowledge in a professional environment. Check Internshala and LinkedIn for opportunities.
4. **Exam Preparation and Interview Skills:**
   - Understand the exam pattern and practice previous year questions.
   - Improve your problem-solving and communication skills.
   - Watch this series on interview preparation for detailed guidance.
5. **Time Management and Strategy:**
   - Create a study schedule that balances theory and practice.
   - Set achievable goals and track your progress regularly.