

ARTIFICIAL INTELLIGENCE

Introduction to **ARTIFICIAL INTELLIGENCE**

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to join.

Let's Grow Each Other.

- Do you have a side hustle or services that we can patronize?
- Do you own a social media handle that we can help you grow?
- Do you own a YouTube Channel that we can help you grow?

If yes, Share you story and handle on the WhatsApp group. Lets grow together at minimal cost.

Quote of
the Day

**Success is a
product of
Cumulative effort
over a period of
time never an
instant occurrence.**

Before we get STARTED today, Let's have a visual of all the 11

**CORPORATE &
BUSINESS
COURSES** offered by
Jomo Resource Center.

Follow these steps to view the courses:

1. Visit <https://elearn.jomorc.com/>
2. Scroll down and Click on "Corporate & Business Courses"
3. Scroll down to view the list of the courses.
4. Click on Read More or Buy Now for more details or for check out.

CORPORATE & BUSINESS COURSES

S.N	COURSE	LESSONS	DURATION	PRICE ₦
1	Customer Service Essentials	42	8 Weeks	14,000.00
2	Team Building & Management	20	4 Weeks	10,000.00
3	Corporate Profiling & Job Application	54	8 Weeks	14,000.00
4	Personal & Servant Leadership	42	8 Weeks	12,000.00
5	Business Planning & Implementation	50	8 Weeks	15,000.00
6	Business Documentation & Accounting	50	8 Weeks	15,000.00
7	Business Registration & Legalization	58	8 Weeks	15,000.00
8	Human Resource Management	43	8 Weeks	15,000.00
9	Communication & Public Speaking	58	8 Weeks	14,000.00
10	Project Management	43	8 Weeks	14,000.00
11	Marketing & Branding	76	8 Weeks	14,000.00

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WHAT IS ARTIFICIAL INTELLIGENCE?

A term initiated to qualify the efforts and define the products of IT experts towards building software, web applications and mobile applications that possess certain measure of human intelligence and human capabilities.

AIMS AND OBJECTIVES OF AI

1. To lesson human engagement by automating certain tasks usually requiring long hours of human effort
2. To provide a more secure alternative to consistency and quality assurance by eliminating human involvement and error
3. To ease the burden of analyzing vast amount of data, identify patterns, make predictions and automate complex process



AI DAILY

1. All social media platforms use artificial intelligence to ensure that your news Feed is most relevant to you.
2. Music and video streaming apps use AI to recommend contents base on your profile and search history.
3. Emails and Chatbots use AI text and sentence history to provide auto suggestions to predict what you want to say.



AI DAILY

4. AI applications works with your phone Camera's settings to automatically calibrates captures.
5. LinkedIn uses AI program to analyze your professional profile in detail and identifies the most relevant offers.
6. Google maps & cap apps uses AI with available data to provide real-time location of buses, weather changes, traffic info, and pairing clients with drivers.





What AI is NOT

1. AI applications are not copies of the human brain, instead, inspired by it.
2. They are not similar or equivalent to human intelligence.
3. AI programs are not best at every thing. They are heavily specialized and efficient at performing particular tasks.
4. AI is yet to master the ability to apply judgment.

AI-based
Presentation Makers



AI-based
Presentation Makers

What AI is NOT

5. AI does not have the capacity for emotion, empathy or humor, although, it can appear to portray these traits.
6. AI programs are not conscious, neither do they have feelings.
7. AI models' behavior and purpose depend on how humans design them.
8. AI is a product of human intelligence and not a substitute.

A glowing purple and blue microchip with the letters 'AI' in the center, set against a background of a complex circuit board with glowing lines and nodes.

AI

TYPES OF ARTIFICIAL INTELLIGENCE



AI-based
Presentation Makers

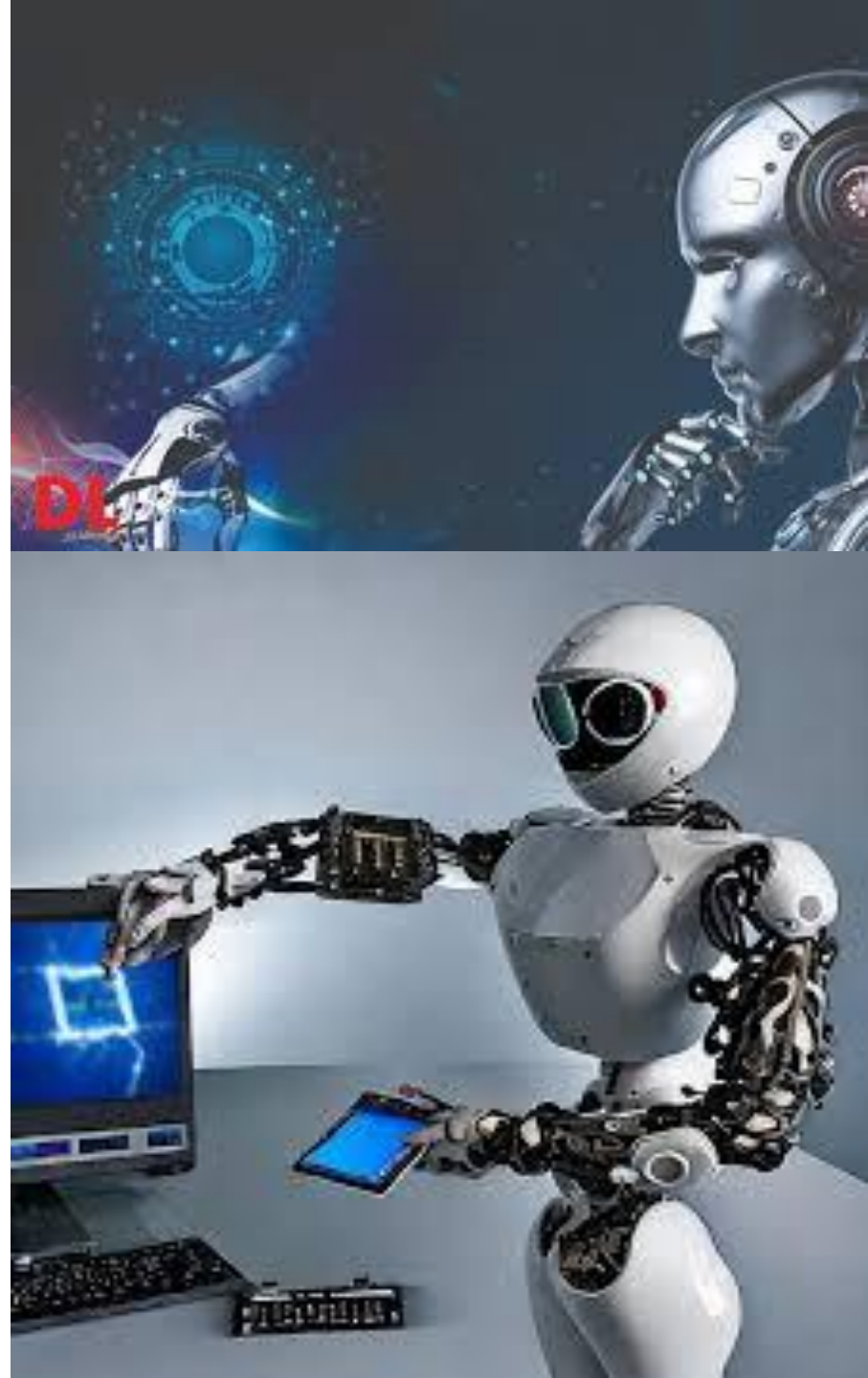
1. Narrow AI

Also known as weak AI is designed to perform specific tasks within a limited domain such as:-

- Voice Assistants
- Recommendation systems
- Image recognition Software
- Autonomous Vehicles

2. GENERAL AI

known as strong AI is an advanced feature of AI anticipated by IT experts. Unlike few years ago when the possibility of General AI was in serious contest, the possibility of AI system that posses human liked intelligence with the ability to understand, learn and apply knowledge is very glaring now.



COMPONENTS OF ARTIFICIAL INTELLIGENCE

There are 7 different components of AI, which work together to create systems and applications with the ability to reason, learn and interact with the environment like humans.



1) **MACHINE LEARNING (ML):**

A subset of AI that focuses on algorithms and statistical models that enable machines to learn from existing data and make predictions or decisions.



2) **DEEP LEARNING:**

A subfield of machine learning that uses artificial neural networks with multiple layers to model and understand complex terms in data.

3) **NATURAL LANGUAGE PROCESSING (NLP):-**

NLP enables machines to understand, interpret, and generate human language. It involves tasks such as speech recognitions, language translation, sentiment analysis, and text generation



4) **COMPUTER VISION:-**

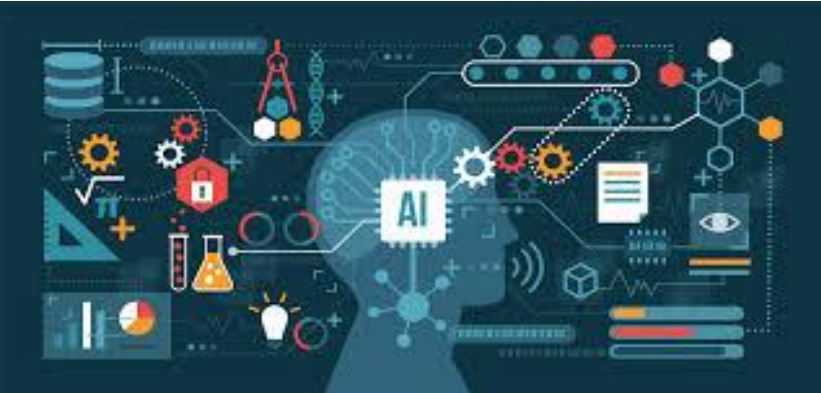
Focus on enabling machines to understand and interpret visual information from images or videos. It involves tasks such as; objects detection, image classification and segmentation and video analysis.





5) **EXPERT SYSTEM:**

A subset of AI that emulate human expertise in a specific domain. They use knowledge bases and inference engines made available by machine learning to reason and make decisions such as medical diagnosis or financial analysis.



6) **ROBOTICS:**

A subset of AI that combines AI with physical systems to create machines that can interact with the physical world. Robots are equipped with AI algorithms and techniques to perceive their environment, make decisions and perform physical tasks. Robotics has application in manufacturing, healthcare, agriculture and exploration, among others.



7) KNOWLEDGE REPRESENTATION & REASONING:-

A subset of AI that service all the other components using;

- ***Knowledge Presentation Techniques*** such as; ontologies, semantic networks, knowledge graphs and
- ***Reasoning Techniques*** such as; logical inference, deduction and probabilistic reasoning to derives new knowledge or make decisions base on existing knowledge.



CATEGORIES OF AI TOOLS

There are more than a thousand AI tools that have been launched. Some are as far back as 2011 while many others are very recent. These utility tools are all open to the public for use except in few cases. The tools cut across various fields and craft, lets take a broad look at the various categorizes:



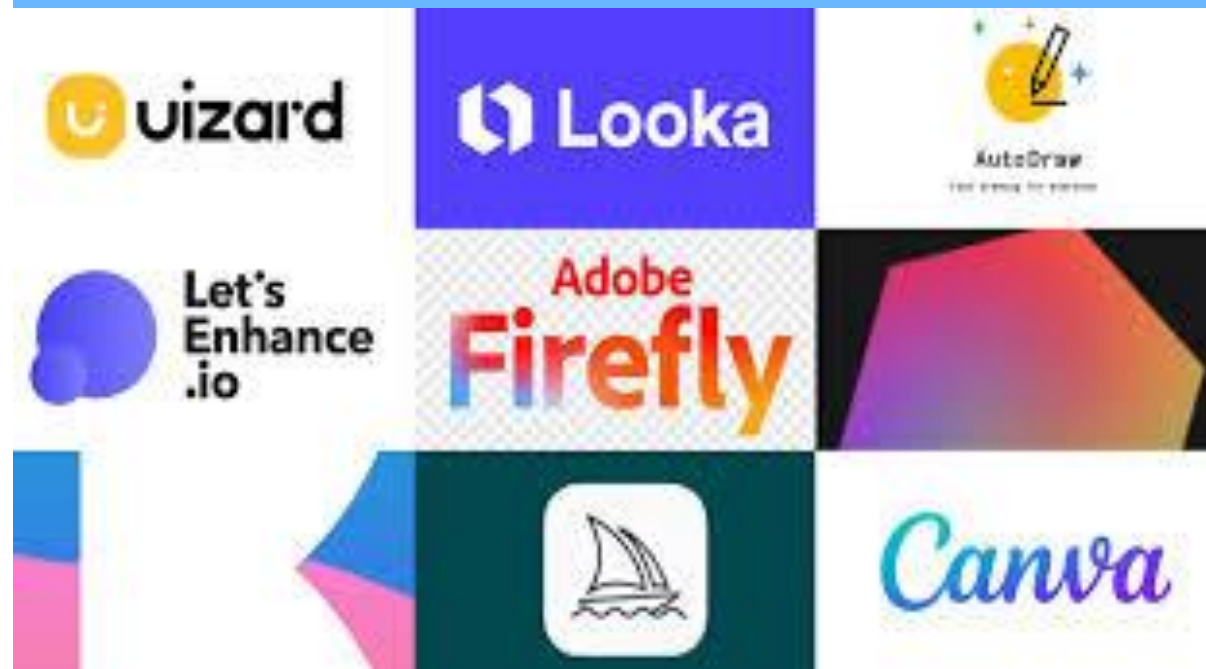
1. TEXT & WRITING TOOLS:

- Copywriting – 179 tools
- Small Assistant – 118 tools
- General writing – 237 tools
- Paraphraser – 27 tools
- Story teller – 67 tools
- Summarizer – 143 tools



2. IMAGE & DESIGN:

- Art – 102 tools
- Avatars – 92 tools
- Design Assistant – 139 tools
- Image Editing – 109 tools
- Image Generator – 207 tools
- Logo Generator – 16 tools
- Design – 10 tools





3. **AUDIO & MUSIC:**

- Audio Editing – 45 tools
- Music – 78 tools
- Text to Speech – 74 tools
- Transcriber – 88 tools



4. VIDEO & AMINATION:

- Personalized video – 15 tools
- Video editing – 59 tools
- Video Generator – 77 tools
- 3D Animation – 52 tools





MARKETING
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5. MARKETING & SALES:

- SEO- 120 tools
- Social Media Assistant – 173 tools
- E-commerce – 50 tools
- Sales – 123 tools
- Marketing – 10 tools
- Email Marketing – 11 tools

AI SSISTIFY



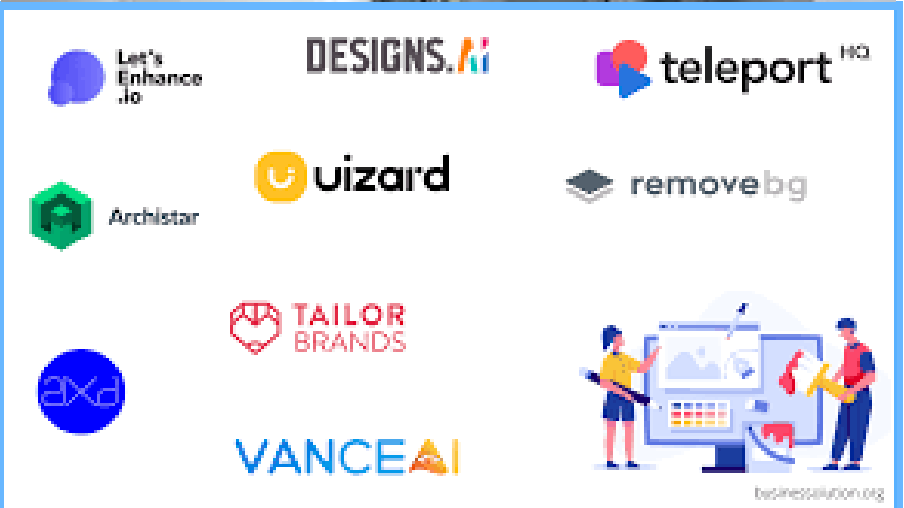
6. LIFESTYLE & ENTERTAINMENT:

- Fashion – 18tools
- Real Estate – 24 tools
- Fun & Comedy – 179 tools
- Gaming – 48 tools
- Healthcare – 60 tools
- Gift Ideas – 26 tools
- Life Assistant – 255 tools
- Memory - 16 tools
- Fitness- 19 tools
- Travel – 47 tools
- Dating – 36 tools
- Religion – 11 tools
- AI Meme – 5 tools





Photo illustration



7. DEVELOPMENT & IT:

- Prompts – 120 TOOLS
- Code Assistant – 114 tools
- Developer – 220 tools
- Low-code/ No-code – 135 tools
- Spreadsheet – 49 tools
- SQL – 38 tools
- Testing & QA – 11 tools

8. BUSINESS & ADMINISTRATION:

- Customer service
- Finance – 65 tools
- Human Resource – 117 tools
- Legal Assistant – 26 tools
- Presentations – 30 tools
- Production – 363 tools
- Start-up – 143 tools





9. EDUCATION & INFORMATION:

- Education Assistant – 192 tools
- Experiment – 31 tools
- Research – 122 tools
- Resources – 69 tools
- AI Search Engines - 97 tools

Q & A SECTION

