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**Ejercicio 1.**

**Traduzca el siguiente texto y responda en inglés la pregunta al pie del mismo**

Artificial intelligence is the simulation of human intelligence processes by machines, especially computer systems. Specific applications of AI include expert systems, natural language processing, speech recognition and machine vision.

RTA: la inteligencia artificial es la similulacion de la inteligencia humana hecho por maquinas, en su mayoria sistemas de computadores. Aplicaciones espeficicas de las ia incluyen un sistema experto, procesamiento del lenguaje natural, reconocer discursos o textos, y la visión artificial que permite a las máquinas “ver” y procesar esa información.

As the hype around AI has accelerated, vendors have been scrambling to promote how their products and services use it. Often, what they refer to as AI is simply a component of the technology, such as machine learning. AI requires a foundation of specialized hardware and software for writing and training machine learning algorithms. No single programming language is synonymous with AI, but Python, R, Java, C++ and Julia have features popular with AI developers.

La emocion alrededor de las IA se esta acelerando,esto hace que los proveedores vendan humo por todos lados,en cómo usan esta tecnologia en sus productos y servicios. Cada tanto, se refieren a la IA como un simple componente tecnologico,tan simple como el aprendizaje automatico. Las IA requiere una base solida y especifica de hardware y de software para escribir y entrenar los algoritmos de aprendizaje automatico. Ningun lenguaje de programacion es sinonimo de “IA” pero python, r, java, c++ y julia tienen caracteristicas polulares entre los programadores de las IA

In general, AI systems work by ingesting large amounts of labeled training data, analyzing the data for correlations and patterns, and using these patterns to make predictions about future states. In this way, a chatbot that is fed examples of text can learn to generate lifelike exchanges with people, or an image recognition tool can learn to identify and describe objects in images by reviewing millions of examples. New, rapidly improving generative AI techniques can create realistic text, images, music and other media.

En general, las IA funcionan mediente una larga pila de datos de entrenamiento, se analizan esos datos para buscar correlaciones y patrones, y usar esos patrones para hacer predicciones sobre estados futuros, en este sentido, el chatbot al que le podes dar un ejemplo de texto puede aprender a interactuar de manera real con la gente,o una herramienta que aprenda a reconocer imagenes que pueda identificar y describir objetos en imagenes viendo millones de ejemplos. Las nuevas tecnicas generativas de las IA, esta mejorando muy rapido, pueden crear texto, imagenes, musica y cualquiero otro contenido.

AI programming focuses on cognitive skills that include the following:

**Learning.** This aspect of AI programming focuses on acquiring data and creating rules for how to turn it into actionable information. The rules, which are called [*algorithms*](https://www.techtarget.com/whatis/definition/algorithm), provide computing devices with step-by-step instructions for how to complete a specific task.

**Reasoning.** This aspect of AI programming focuses on choosing the right algorithm to reach a desired outcome.

**Self-correction.** This aspect of AI programming is designed to continually fine-tune algorithms and ensure they provide the most accurate results possible.

**Creativity.** This aspect of AIuses neural networks, rules-based systems, statistical methods and other AI techniques to generate new images, new text, new music and new ideas.

**What is artificial intelligence (AI)?**

**AI refers to machines, particularly computer systems, that are programmed to simulate human intelligence processes. This can include tasks such as expert systems, natural language processing, speech recognition, and machine vision.**

**What languages are most used in AI?**

**Python, R, Java, C++ and Julia are popular programming languages among AI developers.**

**How does it work Ai?**

**AI systems analyze large amounts of labeled data to identify patterns and correlations. These patterns are then used to make predictions about future outcomes, enabling the AI to perform tasks and solve problems.**

**Ejercicio 2.**

**Traduzca el siguiente texto y cuente en español de que se trata el correo.**

*Ejemplo de email informal en inglés:*

Hi Ian,

How are you doing? Thanks for your email. It’s great to hear from you again.

Well, I wanted to tell you that I’ve just arrived from my summer camp and it was awesome. I spent 3 almost 3 months in New Jersey and life there is very different to California. I really enjoyed it. I met new people there. The weather was not the best but anyway I had a lot of fun.

Why don’t we go there next year? You should talk to your parents about it. We would spend time together and you could teach me how to play soccer. You’re the best at soccer! (Not really) LOL.

I must go now. Say hello to your family.

Take care,

Peyton.

**P.S.** I’m sending some pics for you to take a look at them.

Holaa Ian, Como andas? Gracias por el mail, siempre es lindo saber de vos. te quería contar que recién volví de mi campamento de verano y estuvo buenisimo. Pasé casi 3 meses en New Jersey y la vida allá es muy distinta a la de California. La pasé muy bien, conocí gente nueva y aunque el clima no fue el mejor, la pase re bien. ¿Por que no vamos para alla el año que viene? Hablalo con tus viejos. Además, me podrías enseñar a jugar al fútbol, vos que jugas piola (ahre). Bueno, me tengo que ir. Mandale saludos a la familia. Un abrazo, Peyton. PD: Te voy a mandar unas fotos para que las veas.

**Ejercicio 3.**

**Traduzca los siguientes textos y conteste las preguntas al pie de los mismos.(en ingles)**

***Texto A***

Hello! My name is Bianca. I am nine years old. I get up at seven thirty in the morning and take a shower. I eat breakfast at eight o’clock. I walk to school with my mother. I start school at eight thirty in the morning. I have many friends at school but my best friends are Lerna, Rena and Talia. We eat lunch together at school at a quarter to twelve and at quarter past twelve we play volleyball together and have so much fun. After school, I do my homework and watch my favorite cartoon show. I eat dinner with my parents at quarter to six in the afternoon. After we eat dinner together, my parents and I watch a movie and eat popcorn. I go to bed at nine o’clock.

Hola mi nombre es bianca, tengo 9 años. Me levanto a las 7.30 de la mañana y me pego un baño. Tomo el desayuno a las 8.00, me voy caminando al colegio con mi mama, le escuela empieza 8.30.

Tengo muchos amigos en el colegio pero mis mejores amigas son Lerna, Rena y Talia. Nosotras comemos el almuerzo juntas en la escuela a las 11.45 y 12.15 nos vamos a jugar voleyball juntas donde la pasamos re bien. Despues de la escuela, hago la tera y miro mi dibujito favorito(Dave el Barbaro). ceno con mis padres a las 5.45 pm. Despues de cenar, mis papas y yo miramos una pelicula y comemos pochoclos. Despues me tomo el palo y me duermo tipo 9.

**Questions:**

1. What time does Bianca wake up? She wake up get up at seven thirty in the morning

2. How old is Bianca? Seven years old

3. Who are Bianca’s friends? Lerna, Rena and talia

4. Which sport does Bianca and her friends play together? voley

5. What time does Bianca eat lunch at school? Quarter to twelve

6. What does Bianca and her parents do after dinner? Watch a movie while eating popcorn

7. What time does Bianca go to bed? Nine o`clock

***Texto B***

My friend Josh and Lucas lived near my school. We were good friends and sometimes went to the park in the afternoons. Josh loved to play catch and Lucas and I loved to play hide and seek. Sometimes, Lucas came to my house and we ate pizza and drank orange juice. One-time Josh’s mom baked an apple pie, and it was delicious! When school finished, Josh and Lucas traveled to Istanbul, Turkey. They loved Istanbul and its delicious food. They even sailed in a big boat. I did not travel and stayed at home with my family but I had a lot of fun with them. We watched movies, went to the park, learned how to make chocolate cakes with my mom and played lots of video games.

Mi amigo josh y lucas vivian cerca de mi escuela. Nosotros eramos buenos amigos y a veces ibamos a la plaza a la tardecita.josh amaba jugar a las atrapadas y lucas y yo amabamos jugar a las escondidas.

A veces, lucas venia a mi casa y comiamos pizza y tomabamos jugo de naranja. Una vez la mama de josh cocino una tarta de manzana,y estaba riquisima. Cuando egresamos del colegio, josh y lucas viajaron a istanbul, en turquia. Ellos aman istanbul y su deliciosa comida. Ellos incluso navegaron en un gran bote. Yo no viaje y me quede en casa con mi familia pero tenia mucha diversion con ellos. Mirabamos peliculas, ibamos a la plaza, aprendimos como hacer tortas de chocolate con mi mama y jugamos un monton de juegos.

**Questions**

1. Who loved to play catch?  josh

2. Did Josh and Lucas live near my school? Yes, they did

3. Did Lucas’ mom bake an apple pie? No, that was Josh’s mom

4. Who traveled to Istanbul? Lucas and josh.

5. What did Lucas love to play? Hide and seek.

***Texto C***

Danny, Monica and Lucy are three good friends, they like to go to park and to the library together. One day, Danny, Monica and Lucy went to the library and were reading books. The library is a quiet place. Lucy was bored and wanted to go to the park. Danny, Monica and Lucy went to the park and were happy. At the park, they played, ran and danced together. Lucy was thirsty and Danny and Monica were hungry. The three friends went home at five o’clock and were tired.

Danny, Monica y Lucy son tres amigos muy unidos, les gusta ir al parque y a la biblioteca juntos. Un día, los tres fueron a la biblioteca a leer libros. La biblioteca es un lugar muy tranquilo. Lucy se aburrió y quiso ir al parque. Danny, Monica y Lucy fueron al parque y se divirtieron mucho. En el parque, jugaron, corrieron y bailaron juntos. Lucy tenía sed y Danny y Monica tenían hambre. Los tres amigos se fueron a casa a las cinco de la tarde y estaban cansados.

**Questions**

1. What are the names of the three friends? Danny, Monica y Lucy.

2. Were the three friends at the museum? No, the three friends were at the library and then went to the park.

3. Was Lucy Happy in the library? No, Lucy was bored in the library.

4. Were the three friends angry at the park? No, they were happy.

5. Were Danny and Monica thirsty? Yes, Danny and Monica were thirsty.

6. Were the three friends in the park at five o’clock? Yes, they were in the park at five o'clock.

7. Were the three friends tired?Yes, they were.