**Tutorial 4**

**There are 25 claim statements below. Identify whether they are fact-based or opinion-based claim statements.**

1. The human brain is the most complex organ in the known universe.

**Ans:** Fact-based claim statements

1. Artificial intelligence is the most significant technological development of our time.

**Ans:** Opinion-based claim statements

1. The Earth is approximately 4.54 billion years old.

**Ans:** Fact-based claim statements

1. The world's overdependence on fossil fuels is a major threat to the environment.  
   Fossil fuels

**Ans:** Opinion-based claim statements

1. The rise of social media has had a profound impact on human communication and interaction.

**Ans:** Opinion-based claim statements

1. The pursuit of economic growth should not come at the expense of environmental sustainability.

**Ans:** Opinion-based claim statements

1. Globalization has led to a more interconnected world but has also exacerbated inequality and cultural homogenization.

**Ans:** Opinion-based claim statements

1. The arts and humanities are essential for fostering creativity, critical thinking, and empathy.

**Ans:** Opinion-based claim statements

1. Education is the key to unlocking individual potential and promoting social progress.

**Ans:** Opinion-based claim statements

1. Universal healthcare is a fundamental human right that should be guaranteed to all.

**Ans:** Opinion-based claim statements

1. Peace and cooperation are essential for building a better future for all.

**Ans:** Opinion-based claim statements

1. Technology has the potential to solve some of the world's most pressing problems, but it is also important to be mindful of its potential negative consequences.

**Ans:** Opinion-based claim statements

1. The world's smallest bone is the stapes, located in the middle ear, and measures about 2.5 millimeters (0.1 inches) long.

**Ans:** Fact-based claim statements

1. The world's fastest mammal is the cheetah, capable of reaching speeds of up to 75 miles per hour (120 kilometers per hour).

**Ans:** Fact-based claim statements

1. The world's strongest animal is the ant, able to carry up to 50 times its own weight.

**Ans:** Fact-based claim statements

1. The world's smallest bird is the bee hummingbird, measuring just 2 inches (5 centimeters) in length and weighing less than a penny.

**Ans:** Fact-based claim statements

1. The world's deepest ocean trench is the Mariana Trench, with a depth of about 36,070 feet (10,994 meters).

**Ans:** Fact-based claim statements

1. The world's hottest planet is Venus, with a surface temperature of about 864 degrees Fahrenheit (462 degrees Celsius).

**Ans:** Fact-based claim statements

1. The world's coldest planet is Neptune, with an average temperature of about -224 degrees Fahrenheit (-147 degrees Celsius).

**Ans:** Fact-based claim statements

1. The world's first computer programmer was Ada Lovelace, who worked on an early computer called the Analytical Engine in the 1840s.

**Ans:** Fact-based claim statements

1. The world's first successful heart transplant was performed by Dr. Christiaan Barnard in 1967.

**Ans:** Fact-based claim statements

1. Strengthening international cooperation on trade and environmental issues is crucial for addressing global challenges such as climate change and biodiversity loss.

**Ans:** Opinion-based claim statements

1. Promoting education and awareness about environmental issues is essential for empowering individuals and communities to make informed decisions and contribute to sustainability efforts

**Ans:** Opinion-based claim statements

1. The world's oldest living tree is a bristlecone pine in California, estimated to be over 5,000 years old.

**Ans:** Fact-based claim statements

1. Implementing evidence-based policies that address the root causes of environmental degradation is more effective than relying on reactive measures to address environmental problems.

**Ans:** Fact-based claim statements