**AWS**

AWS, or Amazon Web Services, is a powerful cloud computing platform offered by Amazon. It provides a wide variety of services, such as computing power, storage, and networking, which help businesses scale without the need for heavy investments in physical infrastructure. One of the key benefits of AWS is its pay as you go model, allowing companies to only pay for what they use. This is especially helpful for startups and growing enterprises. With data centers located around the globe, AWS ensures reliable performance and low latency for users, making it a popular choice for businesses of all sizes.

**Sources:**

<https://aws.amazon.com/what-is-aws/>

<https://www.cloudwards.net/what-is-aws/>

**ASCII**

ASCII, short for American Standard Code for Information Interchange, is a character encoding system that has been around since the early 1960s. It translates text into a format that computers can understand, using a set of 128 characters, including letters, numbers, and symbols. Each character is represented by a unique seven-bit binary number, which helps ensure consistent communication between devices.

**Sources:**

<https://techterms.com/definition/ascii>

[*https://www.w3schools.com/charsets/ref\_html\_ascii.asp*](https://www.w3schools.com/charsets/ref_html_ascii.asp)