**Applications, Protocols, Cryptosystems and Algorithms**

**Application**: User interface—Web Browser (Explorer, Edge, Firefox, etc) & Web Server (Apache, IIS)

**Protocol**: Necessary for systems to “talk” Specifies rules of communication—HTTP ( no security) or HTTPS (which mandates a cryptosystem to support security) **Cryptosystem**: Framework to provide protection for data--SSL/TLS

**Algorithm:** Provides the math for the actual encryption. AES is most common