

Gain enterprise grade security with Azure Synapse Analytics



A rigorous assurance of safekeeping with the most advanced security & privacy features

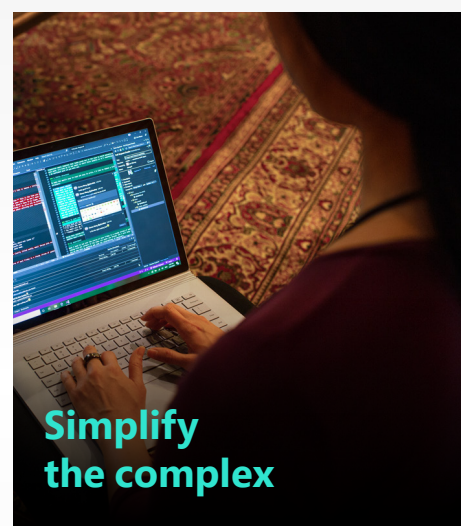
We protect sensitive data in real time, monitoring and responding to threats as they arise with industry-leading security and privacy features, at no extra cost to you.



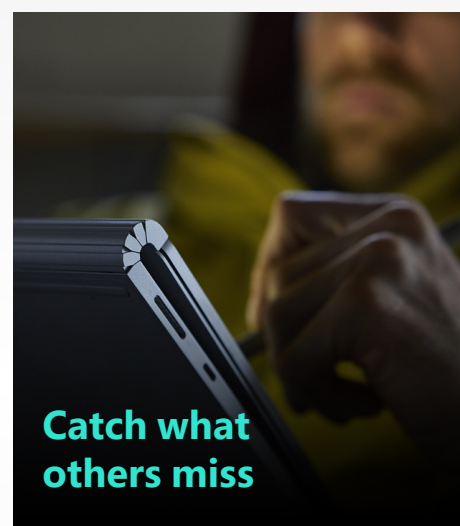
Azure Synapse: data security and privacy are non-negotiable



Grow your future



Simplify the complex



Catch what others miss



Protect everything

With the peace of mind that comes with a comprehensive security solution, you're free to grow, create, and innovate your business.

Prioritize the right risks with unified management tools created to maximize the human expertise inside your company.

Leading AI, automation, and expertise help you detect threats quickly, respond effectively, and fortify your security posture.

Safeguard your entire organization with integrated business security solutions built to work across platforms and cloud environments.

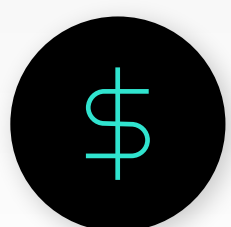


Security layers

Azure Synapse implements a multi-layered security architecture for end-to-end protection of your data. There are five layers:

- 1 Data protection** to identify & classify sensitive data, and encrypt data at rest and in motion.
- 2 Access control** to determine a user's right to interact with data.
- 3 Authentication** to prove the identity of users and applications.
- 4 Network security** to isolate network traffic with private endpoints and VPNs.
- 5 Threat protection** to identify potential security threats such as unusual access locations, authentication attacks, SQL injection attacks, and more.

Azure services and tools are backed by a best-of-breed infrastructure with enterprise-grade security, availability, compliance, and manageability



Microsoft invests more than **USD 1 billion** annually on cybersecurity research and development.



We employ more than **3,500 security experts** dedicated to data security and privacy.



Azure has **more certifications** than any other cloud provider.

