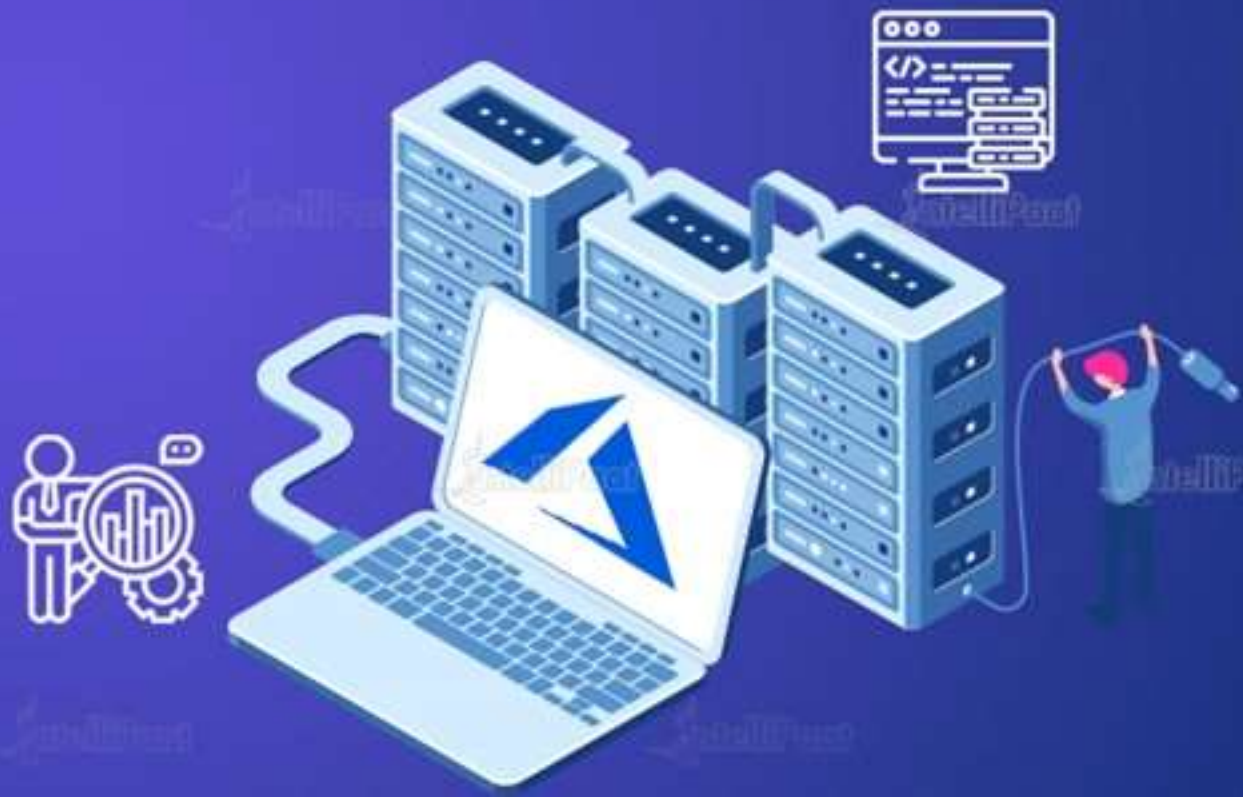


Designing and Implementing an Azure Data Solution

DP 200 and DP 201



Agenda

01

What is Azure?

02

Advantages of Azure over AWS

03

Azure Data Engineer Associate Course Outcome

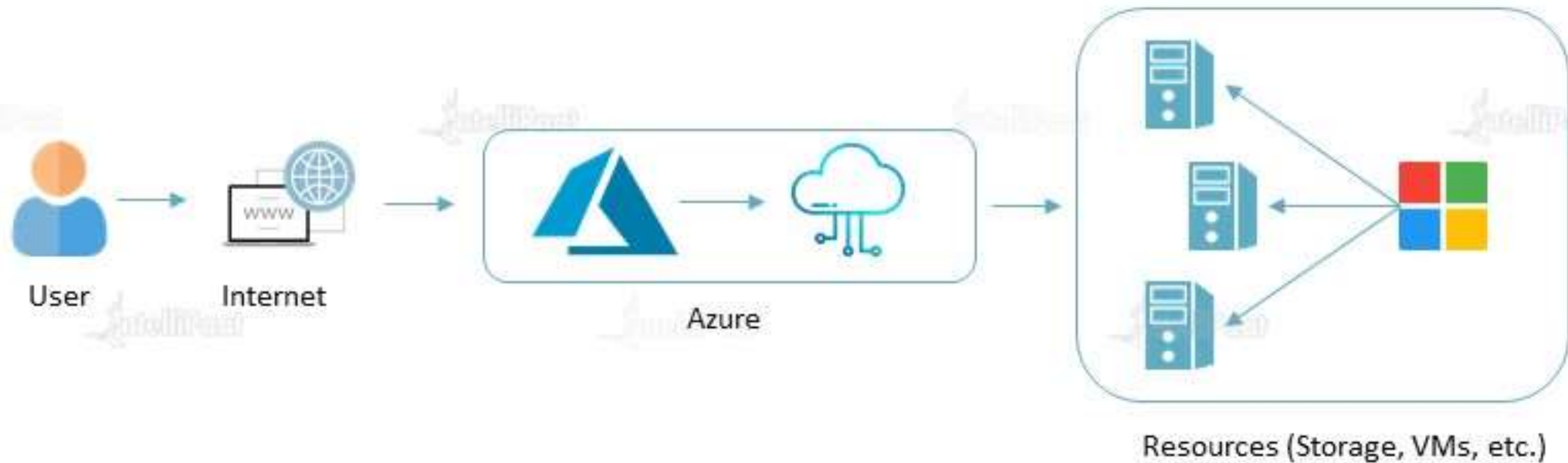
04

Skills You Learn

What is Azure?

What is Azure?

Azure is a Cloud Computing platform and an online portal to access and manage resources and services provided by Microsoft



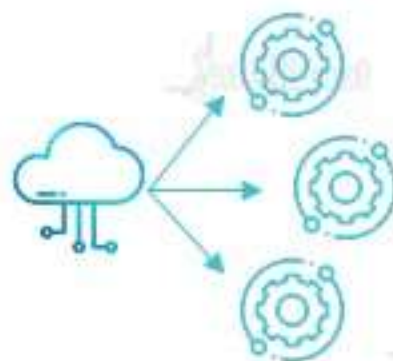
What is Azure?



It builds, manages, and deploys applications on a massive, global network using our preferred tools and frameworks



It is a set of Cloud Computing services to help our organization meet its business challenges



Why Azure?



Advantages of Azure over AWS

Advantages of Azure over AWS

Organizations all over the world recognize Microsoft Azure over Amazon Web Services (AWS) as the most trusted cloud for enterprise and hybrid infrastructure



Advantages of Azure over AWS



AWS is 5 times more expensive than Azure for Windows Server and SQL Server. Azure matches AWS pricing for comparable services



We can use any open-source OS, language, and tool on Azure. Azure made the most contributions to GitHub in 2017, and it is the only cloud with integrated support for Red Hat



Advantages of Azure over AWS



One of the reasons that Azure stands above its competitor in the gladiatorial ring of cloud offerings is its compatibility with the programming language, .NET



Hybrid consistency is a key differentiator between AWS and Azure. We can hit the ground running if we choose Azure for our hybrid cloud requirements



Azure DP 200 + Azure DP 201

Microsoft Certified: Azure Data Engineer Associate

Course Outcome



This course will prepare you for exams, Exam DP-200 and DP-201, enabling you to implement and design Azure data solutions and architect and execute the management, monitoring, security, and privacy of data using the full stack of Azure data services for major business needs



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Azure DP 200: Implementing an Azure Data Solution



Technical Tasks: Implement data storage solutions, manage and develop data processing, and monitor and optimize the data solutions

Candidates eligible for this exam are **Microsoft Azure Data Engineers** who collaborate with business stakeholders to identify and meet data requirements and **implement** data solutions that use Azure data services

Azure DP 201: Designing an Azure Data Solution



Technical Tasks: Design Azure data storage solutions, data processing solutions, and data security and compliance solutions

Candidates eligible for this exam are **Microsoft Azure Data Engineers** who collaborate with business stakeholders to identify and meet data requirements and **design** data solutions that use Azure data services

Who should take up this course?

The course is ideal for anyone who wants to start a career in Data Analytics or is already working in the following roles:



Data Engineers



Data Architects



Data Scientists



Data Analysts

Average Salary for Data Engineers



Data Engineers



Fresher:

US\$86,820

₹739,910

Experienced:

US\$118,502

₹1,525,827



Average Salary for Data Architects



Data Architects



Fresher:

US\$86,897

₹813,892

Experienced:

US\$122,343

₹2,017,007



Average Salary for Data Scientists



Data Scientists



Fresher:

US\$89,047

₹610,811

Experienced:

US\$118,644

₹1,724,618



Average Salary for Data Analysts



Data Analysts



Fresher:

US\$59,441

₹403,830

Experienced:

US\$68,952

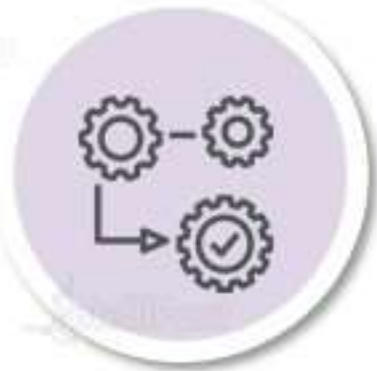
₹868,868

Skills You Learn

Skills You Learn



Storage



Processing

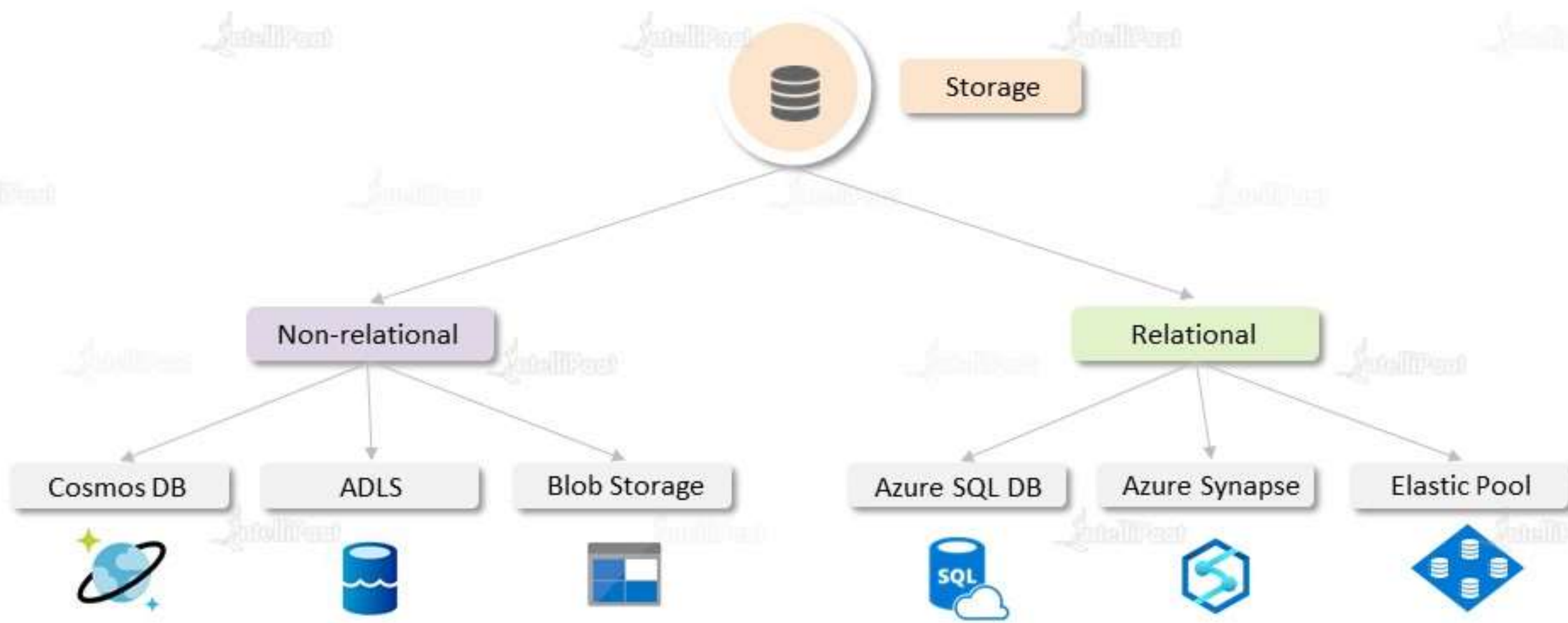


Monitoring

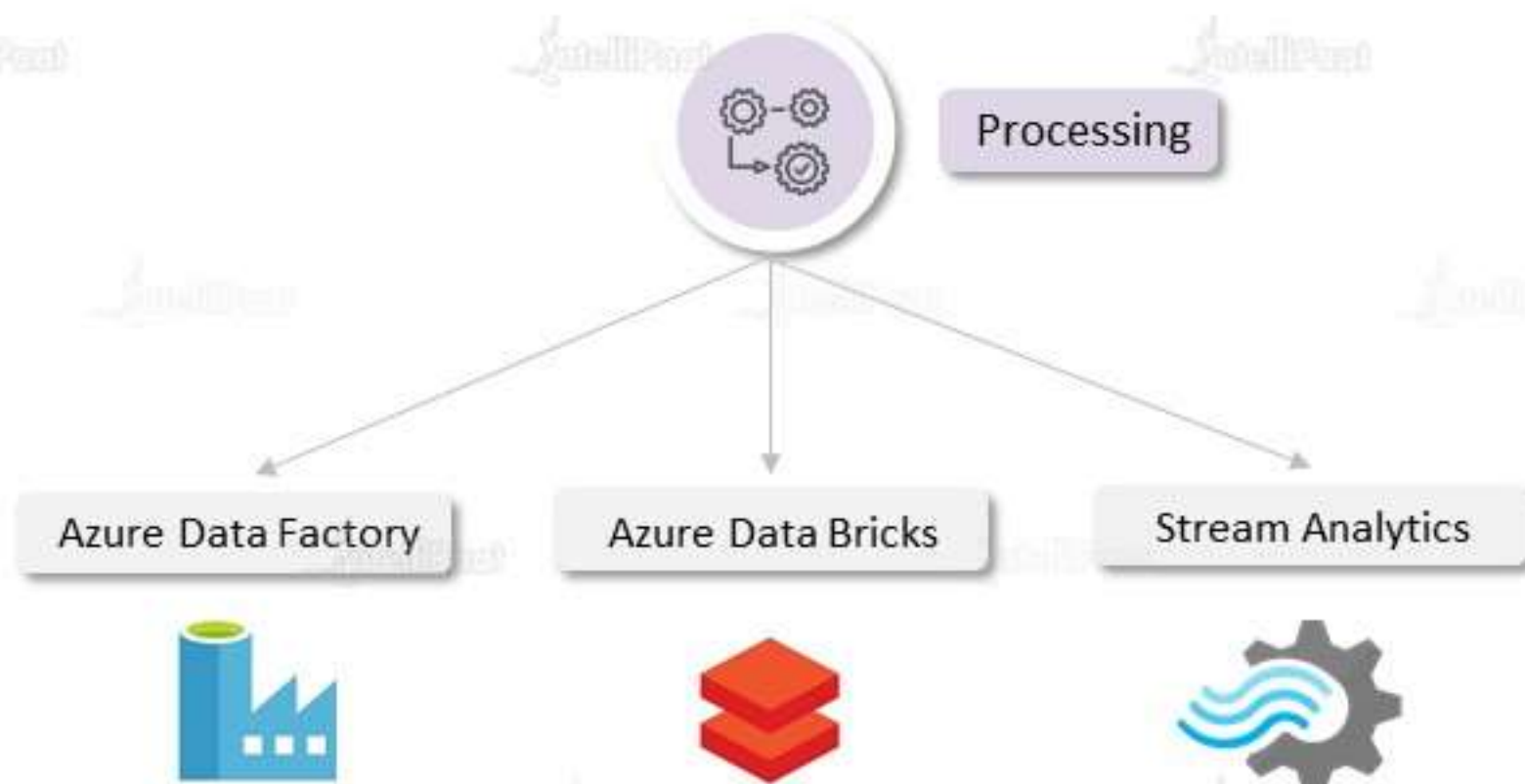


Security

Skills You Learn



Skills You Learn



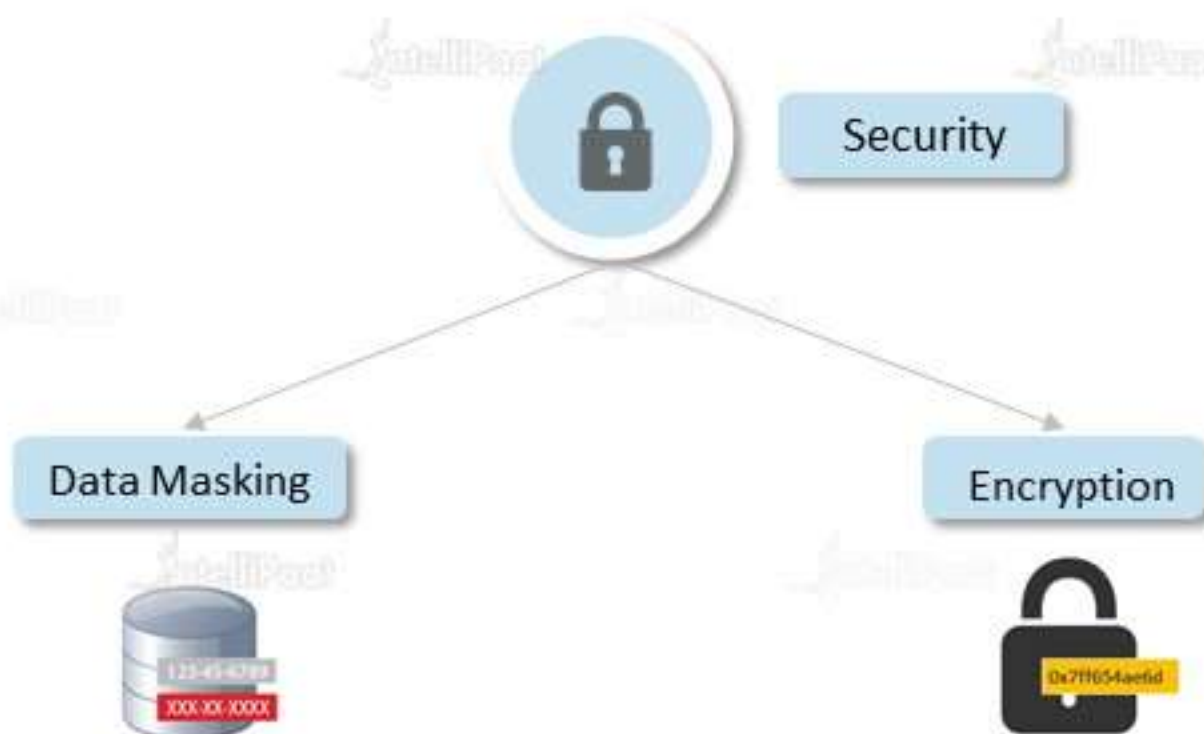
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Monitoring



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24/7 Chat with Our Course Advisor