Designing and Implementing an Azure Data Solution

DP 203

Agenda

01 What is Azure?

02 Advantages of Azure over AWS

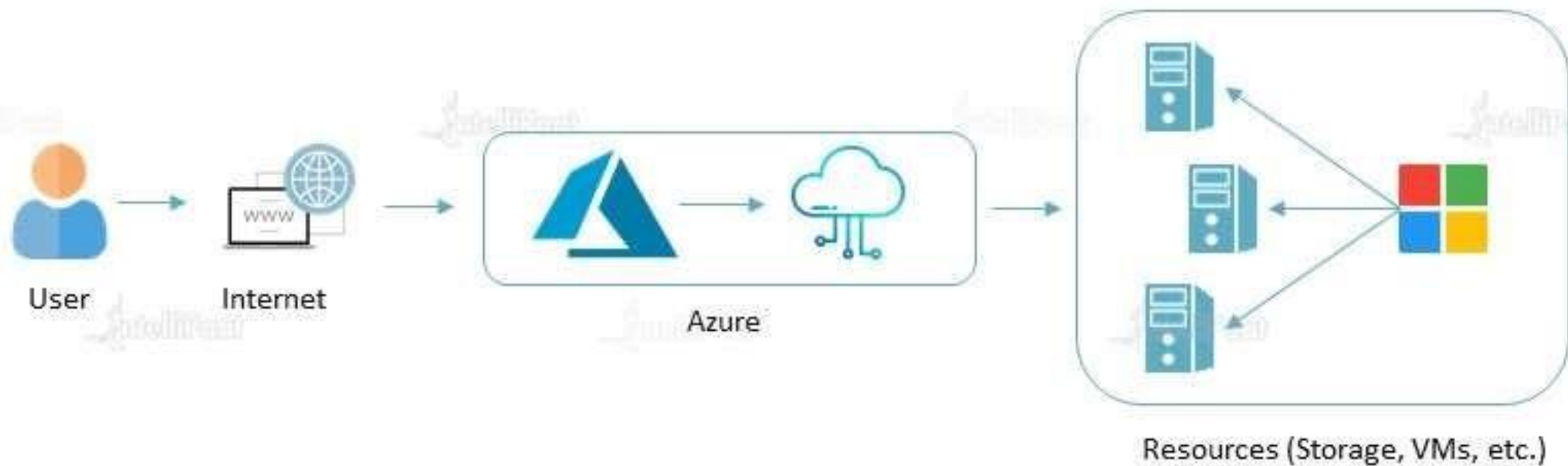**03** Azure Data Engineer Associate Course Outcome

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
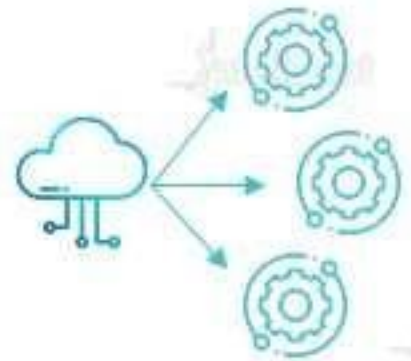

User   Internet   Azure

Resources (Storage, VMs, etc.)

What is Azure?

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

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

Why Azure?

Data centers in 42 regions around the world

01

05

Flexibility

02

Security

04

03

Hybrid capability

Scalability

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

</> .NET

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

Microsoft
CERTIFICATION EXAM
DP-200

+

Microsoft
CERTIFICATION EXAM
DP-201

=

Microsoft
CERTIFIED
ASSOCIATE
★★

Azure DP 200

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

Microsoft

CERTIFICATION
EXAM

DP-200

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

Azure DP 201: Designing an Azure Data Solution

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

Microsoft
CERTIFICATION EXAM
DP-200

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

	US	India
Fresher:	US$86,820	₹739,910
Experienced:	US$118,502	₹1,525,827

Average Salary for Data Architects

Data Architects

	US	India
Fresher:	US$86,897	₹813,892
Experienced:	US$122,343	₹2,017,007

Average Salary for Data Scientists

Data Scientists

	US Flag	India Flag
Fresher:	US$89,047	₹610,811
Experienced:	US$118,644	₹1,724,618

Average Salary for Data Analysts

Data Analysts

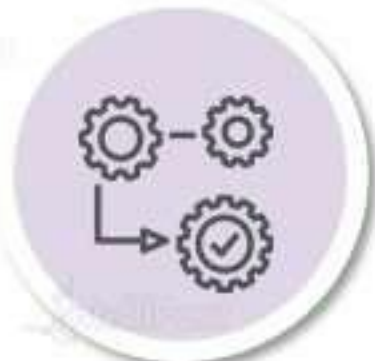|	US$	₹
Fresher:	US$59,441	₹403,830
Experienced:	US$68,952	₹868,868

Skills You Learn

Skills You Learn

Storage

Processing

Monitoring

Security

Skills You Learn

Storage

Non-relational

Relational

Cosmos DB

ADLS

Blob Storage

Azure SQL DB

Azure Synapse

Elastic Pool

Skills You Learn

Processing

- Azure Data Factory
- Azure Data Bricks
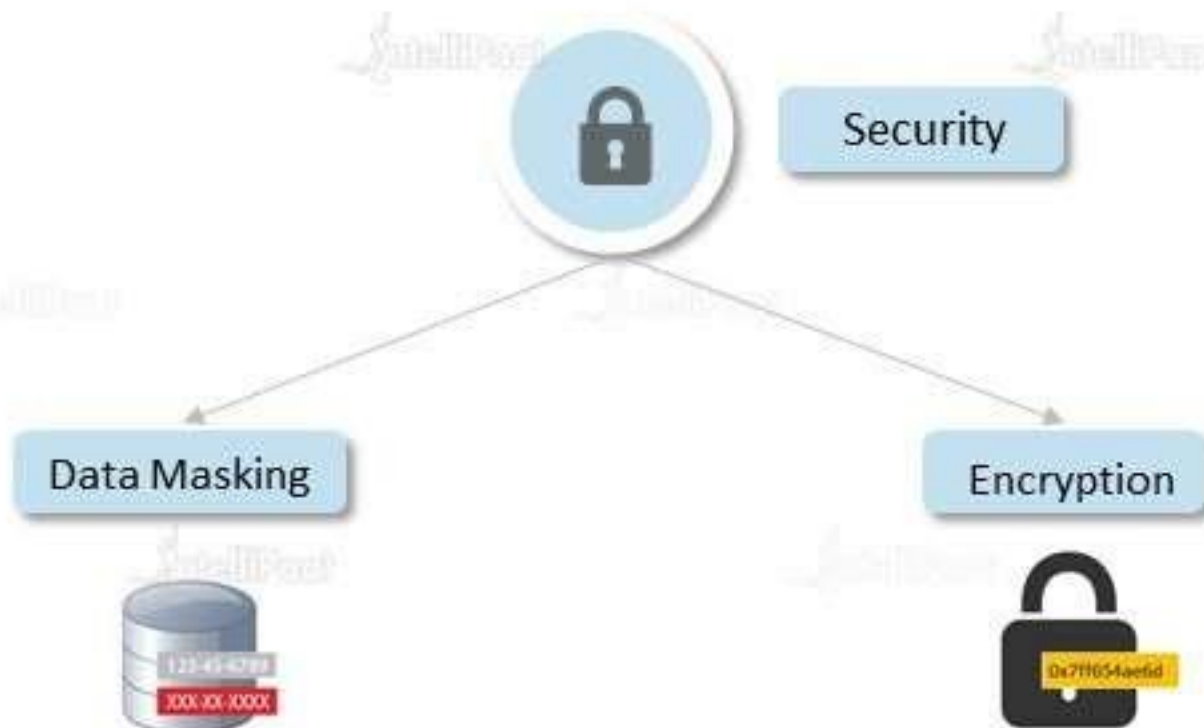- Stream Analytics
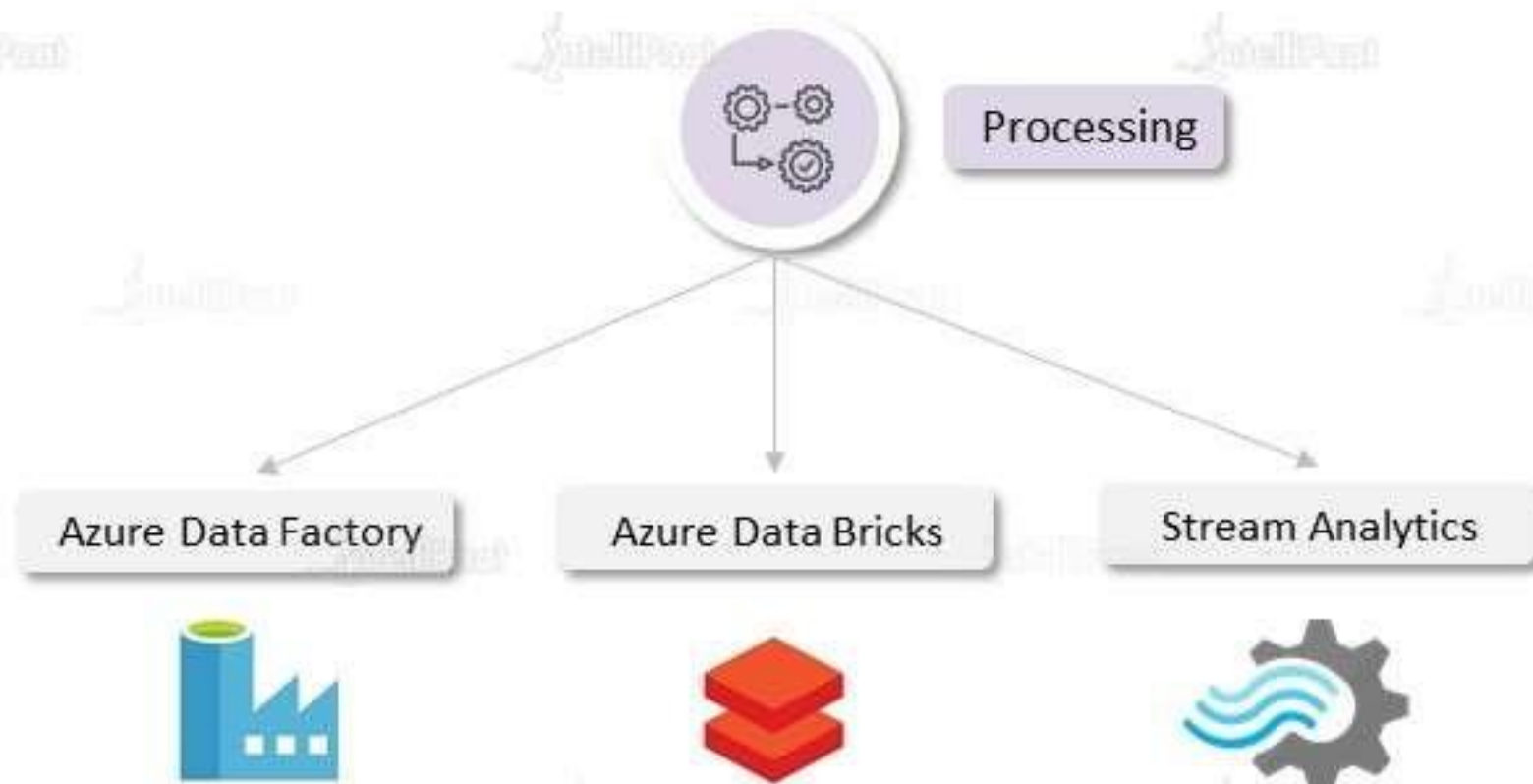
Skills You Learn

Monitoring

Skills You Learn

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sales@intellipaat.com

24/7 Chat with Our Course Advisor