

5 P's of Big Data



1. People
2. Purpose
3. Process
4. Platform
5. Programmability

In Previous Years Questions

The 5 P's of Big Data represent crucial aspects for successful big data projects and analysis.

Here's a quick overview:

1. People

It's not just about technology! The right people with diverse skills are crucial. This includes data scientists, analysts, engineers, and domain experts who understand the business context.

2. Purpose

Define clear objectives and desired outcomes for your big data project. What problem are you trying to solve, or what insights do you want to gain? This guides data collection, analysis, and interpretation.

3. Process

Establish a structured approach for data ingestion, cleaning, transformation, analysis, and visualization. This ensures consistent and reliable results.

4. Platform

Choose the right infrastructure and tools to handle the volume, velocity, and variety of big data. This could involve cloud platforms, distributed computing frameworks, and data management solutions.

5. Programmability

Big data often requires custom scripting and analysis using programming languages like Python, R, or SQL. Data scientists and analysts need strong programming skills to extract and analyze insights efficiently.