SAMBŌDHI

Microsoft

Informatica Power Exchange Training Course

Project Based Immersive Learning Course

Informatica Power Exchange Training Course Overview

Sambodhi and Education Nest offer Informatica PowerExchange training to help you become an expert in PowerExchange by teaching the use of SQL syntax, the VSAM process, creating data maps, integrating PowerCenter and PowerExchange, and more. This course is designed to prepare you for the Informatica PowerExchange certification exam and covers advanced concepts such as installation and configuration, architecture, advanced IT, and performance tuning. Our training approach combines consulting and hands-on training to ensure that you achieve optimal product performance. We focus on unlocking the full potential of the software suite rather than just teaching basic features. Our Informatica training courses cover power centers, data quality, power exchange, and large data in PIM, ActiveVOS, Cloud, B2B, and are customized to meet the unique needs of each client.

Benefits of Informatica Power Exchange Training Course:

Sambodhi and Education Nest's online Informatica PowerExchange course is an essential program for businesses seeking to enhance their data integration and storage capabilities. Learning the

various modules of Informatica PowerExchange, such as MySQL CDC, data logging, and PWX, can help businesses streamline data processing, increase efficiency, and save costs. With the expert trainers from top MNCs, the course includes online sessions and project work to help participants become certified Informatica professionals. By mastering Informatica PowerExchange, businesses can unlock its full potential and improve their data management practices, ultimately leading to improved performance and profitability. Every year, the demand for skilled candidates is constantly increasing in this domain.

Who should learn?

The Informatica Power Exchange course is suitable for a wide range of individuals, including:

- Intelligence for business
- Professionals in ETL
- SQL Database
- Graduate project managers
- Seeking for a BI job

Why do you need Informatica Power Exchange Training Course?

Average Salary Growth:

According to Glassdoor, the average salary for an Informatica Developer with PowerExchange skills in the United States is around $100,000 per year. The salary range typically falls between $80,000 and $125,000 per year. The salary growth for Informatica PowerExchange professionals can also increase with advanced skills and certifications in Informatica, as well as experience in related technologies such as SQL and data integration.

Industries:

Informatica PowerExchange professionals are in high demand in various industries such as finance, healthcare, insurance, retail, telecommunications, and manufacturing. Many MNCs also require these professionals for their data integration and storage needs. Informatica PowerExchange training is valuable for professionals in today's data-driven business environment, and the demand for these skills is expected to increase as more companies rely on data-driven insights for strategic decision-making.

Position in Market:

According to a report by researchandmarkets.com in 2020, the global market size for data integration software, including Informatica PowerExchange, was valued at $7.5 billion in 2019 and is expected to grow at a compound annual growth rate (CAGR) of 14.6% from 2020 to 2027. This growth can be attributed to the increasing need for data integration solutions due to the growing volume and complexity of data in various industries.

Designations:

- Informatica PowerCenter Developer
- Informatica ETL Developer
- Informatica Data Integration Consultant
- Informatica Data Quality Developer
- Informatica Administrator

Why Informatica Power Exchange Training Course from Education

- **Free Demo on Request**
- **Live Interactive Learning**
- **Lifetime Access**

- **Flexible Schedules**
- **24x7 Support**
- **One on One Doubt Clearing**
- **Real Time Project-Based Learning**
- **Certificate Oriented Curriculum**

Key Skills Covered:

- Power Exchange and its navigator
- Data maps and flat files
- SQL syntax
- VSAM data maps
- Integration of Power Center
- Integration of Power Exchange Oracle CDC
- Field sensitive change capture
- Power Exchange Oracle, MySQL, and i5/OS CDC

Informatica Power Exchange Training Course Syllabus

Module 1: Introduction to PowerExchange

- PowerExchange functionality
- Architecture and components of PowerExchange
- Features and advantages
- Configuration file of DBMOVER

Module 2: PowerExchange Navigator

- Navigator functions and objects
- Copybooks and data maps

- Personal metadata
- Navigator object management
- Data map creation using an EBCDIC file

Module 3: Data Maps

- Developing a data map
- Records in a file
- Processing of the field level
- Expression fields
- Table definitions
- Processing of arrays
- Manual data maps
- Using COBOL Copybook Array processing

Module 4: Personal Metadata and the SQL Syntax

- SQL WHERE Clause
- DTLDESCRIBE
- Personal metadata: Creating and testing
- Filter records
- Array handling

Module 5: Processing Complex Flat Files

- File and field data formats
- Binary data variable length
- Decoding complex flat files

Module 6: VSAM Data Maps

- VSAM
- VSAM datasets

- Access methods
- Creating data maps
- Performing row tests
- Creating a data map using a VSAM file
- Creating a data map using a multi-layout file

Module 7: PowerCenter or PowerExchange Integration

- Using PowerExchange Client for PowerCenter (PWXPC)
- Advantages of PWXPC
- Sources and targets of PWXPC
- Integrating with PowerCenter

Module 8: Introduction to PowerExchange Oracle CDC

- Architecture of PowerExchange Oracle RT CDC
- Application characteristics to extract changes
- PWX Oracle CDC
- Using PWX to register Oracle Source for CDC
- Creating a registration group

Module 9: Integrating PowerExchange Oracle CDC Using PowerCenter

- Creating PowerCenter workflows and mappings with PowerExchange Client
- PowerCenter (PWXPC)
- Restart/recovery session features using PWXPC
- Remote data logging
- PowerExchange CDC Publisher
- Materializing target using workflow integration and PowerExchange mapping

Module 10: PowerExchange Field Sensitive Change Capture

- Concepts of Field Sensitive Change Capture
- CI (Change Indicator) vs BI (Before Image)
- Filtering unwanted change records from extraction

Module 11: PowerExchange Oracle CDC

- Architecture of PowerExchange SQL Server CDC
- PWX SQL Server CDC
- Configuring the parameters of Consumer API (CAPI)
- Enabling distribution with the console of SQL Server Management
- Registering the source of SQL Server for CDC with PWX
- Managing schema changes

Module 12: Introduction to PowerExchange MySQL CDC

- MySQL CDC
- Configuration of MySQL for CDC
- Configuration of PowerExchange for MySQL CDC
- Building the MySQL registration group
- Performing the row test
- Setting up MySQL

Module 13: PowerExchange i5/OS CDC

- i5/OS CDC
- Architecture of i5/OS PowerExchange CDC
- Extraction maps
- DB2 for i5/OS CDC
- Task flow to extract the change data
- Setting up AS400 DB2 for CDC

Module 14: Utilities of PowerExchange

- Data map utility (DTLURDMO)
- Remote program utility (DTLREXE)
- Utilities of reporting
- Executing, managing, and monitoring utilities

Module 15: Monitoring, Troubleshooting, and Recovering

- Monitoring CDC processes
- Heartbeat tables
- PowerExchange service failover
- Opportunities for performance enhancement in the PWX Oracle CDC environment

Career Support

Profile Building:

Experienced professionals are available to offer tailored assistance in crafting your CV and online profiles, taking into account your unique educational and experiential background.

Interview Preparation:

The upcoming interview preparation service will include personalized one-on-one sessions and the option for mock interviews if needed.

Job Referrals:

At Education Nest, we receive a variety of job requirements from diverse sources such as organizations, our clients, HR consultants, and a vast network of Education Nest currently employed in different companies. We strive to meet these varied requirements to the best of our abilities.

Continuous Support:

We offer continuous support for as much time as you need it, and a considerable number of our learners receive multiple interviews offers and promising employment opportunities as a result of the abilities they gain during the program.