

# Cloudera Data Analyst Training: Using Pig, Hive and Impala with Hadoop (CDAPHIH)

ID CDAPHIH Preis auf Anfrage Dauer 4 Tage

## Zielgruppe

This course is designed for data analysts, business intelligence specialists, developers, system architects, and database administrators. Knowledge of SQL is assumed, as is basic Linux command-line familiarity. Knowledge of at least one scripting language (e.g., Bash scripting, Perl, Python, Ruby) would be helpful but is not essential. Prior knowledge of Apache Hadoop is not required.

## Voraussetzungen

- Knowledge of SQL
- Basic Linux command-line familiarity
- Knowledge of at least one scripting language (e.g., Bash scripting, Perl, Python, Ruby)
- Prior knowledge of Apache Hadoop is not required

- Processing Complex Data with Apache Pig
- Multi-Dataset Operations with Apache Pig
- Apache Pig Troubleshooting and Optimization
- Introduction to Apache Hive and Impala
- Querying with Apache Hive and Impala
- Apache Hive and Impala Data Management
- Data Storage and Performance
- Relational Data Analysis with Apache Hive and Impala
- Complex Data with Apache Hive and Impala
- Analyzing Text with Apache Hive and Impala
- Apache Hive Optimization
- Apache Impala Optimization
- Extending Apache Hive and Impala
- Choosing the Best Tool for the Job
- Conclusion

## Kursziele

Through instructor-led discussion and interactive, hands-on exercises, participants will navigate the Hadoop ecosystem, learning topics such as:

- The features that Pig, Hive, and Impala offer for data acquisition, storage, and analysis
- The fundamentals of Apache Hadoop and data ETL (extract, transform, load), ingestion, and processing with Hadoop
- How Pig, Hive, and Impala improve productivity for typical analysis tasks
- Joining diverse datasets to gain valuable business insight
- Performing real-time, complex queries on datasets

## Kursinhalt

- Introduction
- Apache Hadoop Fundamentals
- Introduction to Apache Pig
- Basic Data Analysis with Apache Pig

**Weltweite Trainingscenter**



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