



Xenomorph training modules

The TimeScale training program has been developed as a series of short modules that you can select to suit your requirements. Our aim is to enable as much hands-on time as possible and to build confidence in using the system.

Contents

1. Introduction to TimeScale
2. TimeScale System Administration
3. TimeScale for Data Administration
4. TimeScale Data Download
5. TimeScale Data Validation
6. TimeScale QL+
7. TimeScale Formula Grid
8. TimeScale File export
9. TimeScale Pricing Services

1. Introduction to TimeScale

Overview:

This ½ day instructor-led course is designed to provide students with a feel for TimeScale, an understanding of the general architecture of the system and the data model and give them the basic knowledge to get started.

Objectives:

- Understand what TimeScale does
- Provide an overview of the data model
- Access data through the Data View
- Review basic functions in Excel

Prerequisites: None

Target audience: Any new user

Maximum number of attendees per course: 10

Content:

- What is TimeScale?
- How does it work?
- The database and data model
- Introduction to Excel for TimeScale
- Exercises

2. TimeScape System Administration

Overview:

This ½ day instructor-led, hands-on course is designed to provide students with the tools to deal with administrative tasks related to TimeScape including installs, backups, security.

Objectives:

- Understand architecture of TimeScape
- Install system/drivers
- Set up and run a database backup

Prerequisites: Completion of the Introduction to TimeScape course or will have used TimeScape before.

Target audience: System administrators, support team

Maximum number of attendees per course: 4

Content:

- Install/Remove TimeScape
- Server or Service
- Install Drivers
- Backup and Replication
- DB Security
- Exercises

4. TimeScape Data Download

Overview:

This ½ day instructor-led, hands-on course is designed to provide students with a more in depth look at download tasks.

Objectives:

- Create a mapping file
- Create a download task
- Set up downloads for specific items (index options, company data...)
- Import flat files

Prerequisites: Completion of the Introduction to TimeScape course or will have used TimeScape before.

Target audience: Data administrators, support team

Maximum number of attendees per course: 4

Content:

- Install drivers
- Map data
- Create download task
- Run task
- Flat file import
- Support checks
- Exercises

3. TimeScape for Data Administration

Overview:

This ½ day instructor-led, hands-on course is designed to provide students with the tools to deal with TimeScape data administration including database structure, downloads and data validation.

Objectives:

- Create database structure
- Create users and allocate permissions
- Set up mapping between data feed and TimeScape
- Create download tasks
- Create validation tasks

Prerequisites: Completion of the Introduction to TimeScape course or will have used TimeScape before.

Target audience: Data administrators, support team

Maximum number of attendees per course: 6

Content:

- Data Model
- Create Data
- Capture Data
- Validate Data
- Protect Data
- Exercises

5. TimeScape Data Validation

Overview:

This ½ day instructor-led, hands-on course is designed to provide students with a more in depth look at validation tasks.

Objectives:

- Show users how to set up, run and review validation tasks.

Prerequisites: Completion of the Introduction to TimeScape course or will have used TimeScape before.

Target audience: Data administrators, support team

Maximum number of attendees per course: 4

Content:

- What is data validation?
- 5 Steps to data validation
 - Data status
 - Edit tasks
 - Approve/ disapprove
- Exercises

6. TimeScape QL+

Overview:

This ½ day instructor-led, hands-on course is designed to provide students with an understanding of TimeScape's query language, QL+, and practise writing queries.

Objectives:

- Understand QL+ syntax
- Write queries
- How to use QL+ through different APIs

Prerequisites: Completion of the Introduction to TimeScape course or will have used TimeScape before.

Target audience: Business users, analysts, traders.

Maximum number of attendees per course: 4

Content:

- Overview: What is QL+? Why do we have it? When to use it?
- Fundamentals: syntax, objects, functions, operators
- Types of operations: searches, calculation and combination
- Exercises part I
- Data rules
- Complex data analysis (baskets, Panalysis)
- Exercises part II

8. TimeScape File export

Overview:

This ½ day instructor-led, hands-on course is designed to provide students with the tools to build a file export grids.

Objectives:

- Create a file exporter grid
- Test it

Prerequisites: Good understanding of data model and completion of QL+ course.

Target audience: Business users, analysts, traders.

Maximum number of attendees per course: 4

Content:

- Data model reminder
- QL+ basics
- Building a Formula Grid
- Hands on

7. TimeScape Formula Grid

Overview:

This ½ day instructor-led, hands-on course is designed to provide students with the tools to build formula grids.

Objectives:

- Create a formula grid
- Test it

Prerequisites: Good understanding of data model and completion of QL+ course.

Target audience: Business users, analysts, traders.

Maximum number of attendees per course: 4

Content:

- Data model reminder
- QL+ basics
- Building a Formula Grid
- Hands on

9. TimeScape Pricing Services

Overview:

This ½ day instructor-led, hands-on course is designed to provide students with the tools to load a yield curve into the pricing services, manipulate the pricing, get zero rates and price other types of instrument.

Objectives:

- Load, override attributes and price an instrument
- Configure Pricing Services & GUI
- Configure pricing model support

Prerequisites: Good understanding of data model, knowledge of workbench.

Target audience: Business users, analysts, traders.

Maximum number of attendees per course: 4

Content:

- Pricing services fundamentals:
 - How it fits
 - Terminology
 - Framework
 - How to use it
- Tutorials:
 - Yield curves
 - Instrument pricing
- Summary
- Exercises

MORE INFORMATION

Xenomorph delivers data and analytics management solutions to the financial markets. Our TimeScape technology leverages our clients' proprietary expertise, enabling them to analyse and manage more data with greater control and transparency.

Our focus is to make our clients more successful by closing the productivity gaps between high performance database technology, data management and end-user data analysis. Through unified and transparent access to data and data analysis, our clients achieve even higher levels of financial innovation, business process efficiency and regulatory compliance.

Trading, research, risk, product control, IT and back-office staff use Xenomorph's TimeScape data management platform at investment banks, hedge funds and asset management institutions across the world's main financial centres.

Established in 1995, Xenomorph has offices in London, New York and Singapore.

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