

# ThoughtSpot Private Cloud Essentials Training

ThoughtSpot Private Cloud Essentials Training includes delivery of our core product training program, Cloud Essentials, to a private audience of up to 20 attendees at a time and location of your choosing.

The program is modular so attendees may join just the modules that are applicable to their roles. This hands-on, interactive, instructor-led training program includes our End User, Data Expert and Administration courses. Cloud Essentials first focuses on end user functionality training which includes hands-on experience with Spotter our AI Analyst. Learn how Spotter can answer any question on any data through boundaryless search and reason like a human analyst to return data that you can take actionable insights on. You will also learn the basic and advanced search features of the platform and be exposed to all the ThoughtSpot Analytical features and functionalities. This is followed by our Data Expert content covering two of the primary disciplines in implementing ThoughtSpot: Data Connectivity & Making Data Searchable. Data Connectivity is devoted to connecting ThoughtSpot to your data warehouse and Making Data Searchable will focus on the modeling semantic layer in ThoughtSpot and investigate the many ways in which connected data can be prepared for searching by end users. We also discuss Advanced Data Modeling scenarios and give hands-on experience in dealing with modeling challenges like Many-Many, One-One relationships, Chasm Traps, Fan Traps, Hierarchies and Multiple Join Paths. Finally, the program covers our Administration content utilizing hands-on experience with users and groups, authentication methods, various levels of security, indexing, versioning, monitoring performance and adoption and multi-tenancy using Orgs.

The Cloud Essentials program is offered in multiple delivery modalities: Virtually, In-Person at a location of your choosing, or hybrid with a mix of in-person and virtual attendees. When delivered virtually, the program is delivered over the course of 5 days, when delivered in-person the program is delivered over the course of 3 days.

Cloud Essentials (Virtual)				
End User	End User	Data Expert	Data Expert	Administration
Day 1	Day 2	Day 3	Day 4	Day 5
End User Essentials	Advanced End User	Data Modeling Essentials	Advanced Data Modeling	Administration

Cloud Essentials (In-Person)				
End User	End User	Data Expert	Data Expert	Administration
Day 1	Day 1	Day 2	Day 3 (Morning)	Day 3 (Afternoon)
End User Essentials	Advanced End User	Data Modeling Essentials	Advanced Data Modeling	Administration

The private training agenda can be custom-tailored to your audience. If certain features are not utilized or needed in your organization, they can be cut from the private training sessions or tailored to suit your needs. An

example of our virtual delivery 5-day agenda and in-person 3-day agenda are shown below.

## Cloud Essentials Topics Covered

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### ThoughtSpot End User Essentials

*4 hours*

End User Essentials is the foundation course designed to teach participants the core end user functionality of ThoughtSpot. Through hands-on lecture, students will master basic search, using both Spotter our AI Analyst as well as search data, changing visualizations, saving answers, drilling, filtering, and using ThoughtSpot Mobile to analyze data from their mobile devices.

#### Topics Covered:

- Spotter, your AI Analyst
- Search Creation
- Changing Visualizations
- Chart Configuration
- ThoughtSpot Sync
- Sharing
- Liveboard Manipulations
- Filters & Drilling
- ThoughtSpot Mobile

### ThoughtSpot Advanced End User

*4 hours*

Go beyond the basics of the end user features covered in the ThoughtSpot End User Essentials course to discover the advanced analytic capabilities of the platform. During this hands-on, interactive course you will dive deeper into Liveboard creation, formatting your results, and using SpotIQ to find answers to questions you didn't even know to ask of your data. Do more advanced searches using ThoughtSpot Keywords and create your own custom attributes and measures using columns sets, query sets and formulas to take your analyses to the next level.

#### Topics Covered:

- Liveboard Creation
- Using SpotIQ
- Change Analysis
- Complex Searches using Keywords
- Conditional Formatting
- Creating Formulas and Parameters
- Column Sets and Query Sets Creation
- Advanced Formulas

## ThoughtSpot Data Modeling Essentials

5 hours

Our Data Modeling Essentials course covers two of the primary disciplines in implementing ThoughtSpot: Data Connectivity & Making Data Searchable. Data Connectivity is devoted to connecting ThoughtSpot to your data warehouse and Making Data Searchable will investigate the many ways in which connected data can be prepared for searching through the creation of the modeling semantic layer.

### ThoughtSpot Data Connectivity - 1 hour

This course focuses on the main technical topics and best practices around connecting ThoughtSpot to your data warehouse. Through interactive lecture and specially designed training environments, you will then get hands-on practice creating a connection to a Cloud Data Warehouse (CDW) and deciding which tables and columns will be available for search by your business users.

#### Topics Covered:

- Creating a Connection
- Establishing Join Relationships
- Editing an Existing Connection
- Remapping a Connection

### ThoughtSpot Making Data Searchable - 4 hours

Modeling and optimizing your data for the ThoughtSpot search experience will be covered in detail in this course. Beginning with topics on data management in ThoughtSpot, the class quickly moves into hands-on lecture around Model design and the creation of the semantic layer. Advanced topics include custom calendars, formula and parameter creation, creation of views and SQL views, utilizing ThoughtSpot Modeling Language (TML) for object migration and an introduction into SpotCache and Data Mashups.

#### Topics Covered:

- Model Data for Search
- Creating Models
- Models: Column Settings
- Custom Calendars
- Models: Joins
- Models: Formulas and Parameters
- ThoughtSpot Modeling Language
- Creating Search-Based & SQL Views
- Introduction to SpotCache
- Data Mashups
- Catalog Integration
- Integration with DBT

## ThoughtSpot Advanced Data Modeling

*3 hours*

Building upon the skills learned in the Making Data Searchable course, this session will take a deep dive into data modeling and optimizing the loaded data for the ThoughtSpot search experience. Beginning with topics on data modeling design types you will learn about the benefits and detractions of different modeling design choices. The class quickly moves into hands-on lecture around Modeling challenges like many to many relationships, 1 to 1 relationships, chasm and fan traps and multiple join paths and how to resolve them. Guidelines for building worksheets within different models and understanding the worksheet join rule round out the course.

### Topics Covered:

- Data Model Design Types
  - Snowflake
  - Star
  - Inverted Star
  - Flat Denormalized
- Modeling Challenges and How to Resolve them
  - Many to Many
  - 1 to 1
  - Chasm Traps
  - Fan Traps
  - Role Playing Dimensions (Multiple Join Paths)
- Hierarchies
  - Balanced
  - Ragged
  - Unbalanced
- Design Guidelines for Models
- Join Directionality

## ThoughtSpot Administration

*3 hours*

This session discusses the role of the Administrator in the ThoughtSpot environment. We will take a deep dive into Administration beginning with topics on user and group management and a thorough discussion on various authentication methods. The class quickly moves into discussions on security covering system level, login/authentication level with hands on lectures regarding object level, table and column level and row level security implementations. Next we move into Versioning using GIT, Indexing strategies, logical multi-tenancy with Orgs, monitoring and troubleshooting, and performance tuning round out the course.

### Topics Covered:

- Users and Group Management
- Role-Based Access Control (RBAC)

- Authentication Methods
    - Local
    - LDAP
    - SAML
    - Trusted Authentication
  - Security
    - System
    - Login
    - Object Level
    - Table and Column Level
    - Row Level
  - GIT Integration for Versioning
  - Indexing
  - Monitoring Performance and System Health
  - Logical Multi-tenancy with Orgs
  - ThoughtSpot AI Enablement
  - Enabling Early Access Features
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## Pricing

The cost for the Private ThoughtSpot Cloud Essentials Training Program for up to 20 participants per day is \$15,000 plus instructor T&E if applicable.

# ThoughtSpot Private Cloud Essentials Training

## Terms and Conditions

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For scheduled training days that are canceled or rescheduled by Customer with fewer than ten business days prior written notice to ThoughtSpot, Customer will be charged and pay for: (a) any travel expenses that cannot be canceled or refunded, and (b) the canceled/rescheduled training days if ThoughtSpot is not able to reassign the personnel to another project. For the purposes of this section, email to the ThoughtSpot personnel assigned to this project will be sufficient as written notice.

ThoughtSpot will provide the Private Cloud Essentials Training package described herein as identified on the corresponding Order Form. No services are included in this offering except as expressly included in this document. Customer agrees to pay the total fee amount on the Order Form regardless of the total number of hours completed.

**ORDERS ARE NON-CANCELLABLE, NON-REFUNDABLE, AND NOT SUBJECT TO ACCEPTANCE. PURCHASED SERVICES MUST BE CONSUMED WITHIN 12 MONTHS FROM THE EFFECTIVE DATE OF THE ORDER FORM, AFTER WHICH TIME UNUSED SERVICES WILL BE DEEMED COMPLETED WITHOUT CREDIT, REFUND, OR FURTHER OBLIGATION OF ANY KIND.**

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## About ThoughtSpot

The world's most innovative companies use AI-Powered Analytics from ThoughtSpot to empower every person in their organization with the ability to ask and answer data questions, create and interact with data-driven insights, and use these insights to make informed decisions. Learn more at <https://www.thoughtspot.com/>.