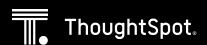# ThoughtSpot Cloud Essentials Training (Onsite)
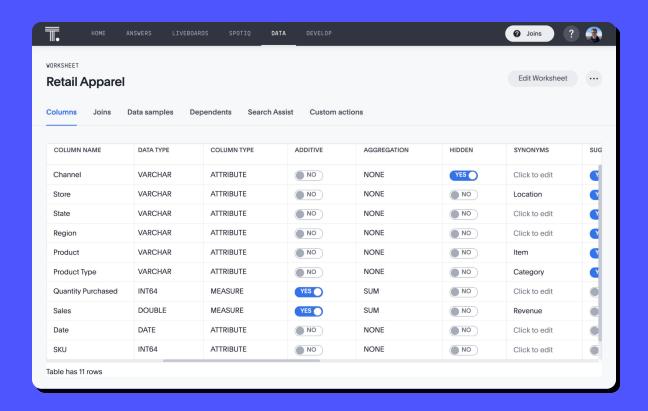
ThoughtSpot

Introduction

Schedule your own private training session for your team with our Cloud Essentials (Onsite) offering to be delivered on a schedule convenient to you.

ThoughtSpot Cloud Essentials (Onsite) is a five-day training program for ThoughtSpot Cloud and ThoughtSpot Embrace customers for up to 20 customer attendees per day. This hands-on, interactive, instructor-led class 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 the basic and advanced search features of the platform. In this class we will show you all of 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 using Embrace and Making Data Searchable will look into 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 class covers our Administration content utilizing hands-on experience with users and groups, authentication methods, various levels of security, indexing, performance, monitoring and multi-tenancy using Orgs. The program is modular allowing participants to attend one, two, or all five days based on their training needs.

Standard 5-day Agenda

Day 1

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, changing visualizations, saving answers, drilling, filtering, and using ThoughtSpot Mobile to analyze data from their mobile devices.

Topics covered:

- Search
- Answers & Liveboards
- Custom Visualizations
- Filters & Drilling
- ThoughtSpot Mobile
- Sage

Day 2

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 Pinboard 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 formulas to take your analyses to the next level.

Topics covered:

- Answer & Liveboard Creation
- Using SpotIQ
- Advanced Searches
- Conditional Formatting
- Creating Formulas and Parameters

Day 3

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 using Embrace and Making Data Searchable will look into the many ways in which connected data can be prepared for searching by end users.

ThoughtSpot Data Connectivity

1 HOUR

This course focuses on the main technical topics and best practices around connecting ThoughtSpot to your data with Embrace. 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:

- Introduction to Embrace
- Creating a Connection
- 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 Worksheet design. Advanced topics include custom calendars, formula creation, creation of views and custom SQL views and ThoughtSpot Modeling Language (TML).

Topics covered:

- Exploring Data Management
- Creating Worksheets & Models
- Creating Formulas & Parameters
- Creating Search-Based & Custom SQL Views
- Custom Calendars
- ThoughtSpot Modeling Language

Day 4

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	Modeling Challenges and How to Resolve them	Hierarchies	Worksheet Join Rule and Directionality
• Snowflake	• Many to Many	• Balanced	
• Star	• 1 to 1	• Ragged	**Worksheet Design Best Practices**
• Inverted Star	• Chasm Traps	• Unbalanced	
• Flat Denormalized	• Fan Traps		
	• Multiple Join Paths		

Day 5

ThoughtSpot Administration

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. Indexing strategies, logical multi-tenancy with Orgs, monitoring and troubleshooting, and performance tuning round out the course.

Topics covered:

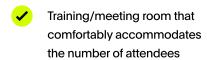| Users and Group Management	Security	Monitoring and Troubleshooting
Authentication Methods	• System	**Performance**
• Local	• Login	**Logical Multi-tenancy with Orgs**
• LDAP	• Object Level	**Indexing**
• SAML	• Table and Column Level	
• Trusted Authentication	• Row Level	

Pricing

The cost for the 5-day training program for up to 20 participants per day is $15,000.

Duration/Hours

When delivered virtually, the program is delivered over the course of 5 days. Day One and Two are 4 hours, Day Three is 5 hours and Days Four and Five are 3 hours each. When available, the program can be delivered in-person, onsite over the course of 3 days.

Customer Responsibilities and Resources

For in-person training events at the Customer site, Customer will pay trainer T&E expenses. Customer also will provide:

- ✔ Training/meeting room that comfortably accommodates the number of attendees
- ✔ High-speed, high-bandwidth internet access
- ✔ Projector
- ✔ Screen
- ✔ Whiteboard
- ✔ Meals

ThoughtSpot Cloud Essentials Training (Onsite) Terms and Conditions

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 Cloud Essentials Training (Onsite) 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.

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/.