

## Tableau Certified Data Analyst certification - Requirements

Video	Domain 1: Connect to and Transform Data
	1.1. Connect to data sources
146 149	1.1.1. Choose an appropriate data source
151	1.1.2. Choose between live connection or extract
153	1.1.3. Connect to extracts
9	1.1.4. Connect to spreadsheets
152 155	1.1.5. Connect to .hyper files (or .tde files)
149	1.1.6. Connect to relational databases
150	1.1.7. Pull data from relational databases by using custom SQL queries
149	1.1.8. Connect to a data source on Tableau Server
118	1.1.9. Replace the connected data source with another data source for an existing chart or sheet
	1.2. Prepare data for analysis
23	1.2.1. Assess data quality (completeness, consistency, accuracy)
23	1.2.2. Perform cleaning operations
24	1.2.3. Organize data into folders
	1.2.4. Use multiple data sources
116	establish relationships
117 141	create joins
142	union tables
143	blend data
	1.2.5. Prepare data by using
144	Data Interpreter
144	pivot
147	split
155	1.2.6. Create extract filters
	1.3. Perform data transformation in Tableau Prep
159	1.3.1. Choose which data transformation to perform based on a business scenario
159	1.3.2. Combine data by using unions
159	1.3.3. Combine data by using joins
159	1.3.4. Shape data by using aggregations
160	1.3.5. Perform filtering
159	1.3.6. Shape data by using pivots
	1.4. Customize fields
14 23 77	1.4.1. Change default field properties (types, sorting, etc.)
23	1.4.2. Rename columns
13	1.4.3. Choose when to convert between discrete and continuous
12	1.4.4. Choose when to convert between dimension and measure
25	1.4.5. Create aliases

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	<b>Domain 2: Explore and Analyze Data</b>
	2.1. Create calculated fields
109 122	2.1.1. Write date calculations (DATEPARSE, DATENAME...)
121	2.1.2. Write string functions
120	2.1.3. Write logical and Boolean expressions (If, case, nested, etc.)
110 124	2.1.4. Write number functions
123	2.1.5. Write type conversion functions
119	2.1.6. Write aggregate functions
135 136 137 138 139	2.1.7. Write FIXED LOD calculations
	2.2. Create quick table calculations
103	2.2.1. Moving average
103	2.2.2. Percent of total
103	2.2.3. Running total
103	2.2.4. Difference and percent of difference
103	2.2.5. Percentile
113	2.2.6. Compound growth rate
	2.3. Create custom table calculations
126	2.3.1. Year to date
126	2.3.2. Month to date
126	2.3.3. Year over year
126	2.3.4. Index
126	2.3.5. Ranking
126	2.3.6. First-last
	2.4. Create and use filters
37	2.4.1. Apply filters to dimensions and measures
38	2.4.2. Configure filter settings including Top N, Bottom N, include, exclude, wildcard, and conditional
40	2.4.3. Add filters to context
41	2.4.4. Apply filters to multiple sheets and data sources
	2.5. Create parameters to enable interactivity
130	2.5.1. In calculations
131 139	2.5.2. With filters
132	2.5.3. With reference lines
	2.6. Structure the data
79	2.6.1. Sets
87	2.6.2. Bins
73 74	2.6.3. Hierarchies
78	2.6.4. Groups
	2.7. Map data geographically
65	2.7.1. Create symbol maps
67	2.7.2. Create heat maps
67	2.7.3. Create density maps
65	2.7.4. Create choropleth maps (filled maps)

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	2.8. Summarize, model, and customize data by using the Analytics feature
125	2.8.1. Totals and subtotals
98	2.8.2. Reference lines
99	2.8.3. Reference bands
96	2.8.4. Average lines
97	
111	2.8.5. Trend lines
99	2.8.6. Distribution bands
112	2.8.7. Forecast by using default settings
112	2.8.8. Customize a data forecasting model
127	2.8.9. Create a predictive model
	<b>Domain 3: Create Content</b>
	3.1. Create charts
	3.1.1. Create basic charts from scratch
9	bar
30	line
83	pie
89	highlight table
34	scatter plot
92	
88	histogram
90	tree map
35	bubbles
9	data tables
107	Gantt
100	box plots
83	area
91	dual axis
91	combo
75	3.1.2. Sort data (including custom sort)
76	
	3.2. Create dashboards and stories
53	3.2.1. Combine sheets into a dashboard by using containers and layout options
54	
55	
53	3.2.2. Add objects
62	3.2.3. Create stories
	3.3. Add interactivity to dashboards
36	3.3.1. Apply a filter to a view
58	3.3.2. Add filter, URL, and highlight actions
133	3.3.3. Swap sheets by using parameters or sheet selector
61	3.3.4. Add navigation buttons
58	3.3.5. Implement user guiding sentences (click..., hover..., menu options)
	3.4. Format dashboards
27	3.4.1. Apply color, font, shapes, styling
28	
27	3.4.2. Add custom shapes and color palettes
28	
35	
46	3.4.3. Add annotations
29	3.4.4. Add tooltips
84	
85	
55	3.4.5. Apply padding
47	3.4.6. Remove gridlines, row-level and column-level bands, and shading
56	3.4.7. Apply responsive design for specific device layouts

### **Tableau Certified Data Analyst certification - Requirements**

	<b>Domain 4: Publish and Manage Content on Tableau Server and Tableau Online</b>
	4.1. Publish Content
16 18 20	4.1.1. Publish a workbook
155	4.1.2. Publish a data source
154	4.1.3. Print content
17	4.1.4. Export content
	4.2. Schedule data updates
156	4.2.1. Schedule data extract refreshes
160	4.2.2. Schedule a Tableau Prep workflow
	4.3. Manage Published workbooks
158	4.3.1. Create alerts
157	4.3.2. Create subscriptions