Get Started with ArcGIS® Data Reviewer for Desktop

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C O N T E N T S

1 *Introduction: Data Quality Matters*

Get Started with ArcGIS Data Reviewer for Desktop
Welcome to Esri Training
Course materials
Course goals
ArcGIS Data Reviewer in the platform
Introduction: Data Quality Matters
Learning objectives
Think about…
Without data quality standards
With data quality standards
Defining good data quality
Elements of data quality
Attribution
Example: Spatial accuracy
Example: Thematic accuracy
Example: Completeness
Example: Logical consistency
Example: Temporal quality
Example: Usability
Sources of quality requirements
Quality Control (QC)
Quality Assurance (QA)
What is a Quality Assurance Plan?
Lesson review

2 *Understanding ArcGIS Data Reviewer*

Understanding ArcGIS Data Reviewer
Learning objectives
Think about…
ArcGIS Data Reviewer for Desktop
ArcGIS Data Reviewer for Server
QC life cycle
ArcGIS Data Reviewer
Components of ArcGIS Data Reviewer
What is the Reviewer workspace?
Defining the Reviewer workspace
Defining Reviewer sessions
Organizing Reviewer sessions
Session properties

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Toolbars during a review
Introducing the Reviewer Table
Exercise introduction (30 minutes)
Lesson review

3 *The Reviewer Table*
The Reviewer Table
Learning objectives
Think about…
The Reviewer Table
Reviewer Table fields
User-defined review fields
Life cycle phase
Reviewer geometry vs. feature geometry
Symbolizing results
Organizing the table
Reviewer Table templates
Importing/Exporting
Instructor-led demo
Exercise introduction (30 minutes)
Lesson review

4 *Automated Data Checks*
Automated Data Checks
Learning objectives
Think about…
General QC workflow
Before data validation begins
Technical requirements
Checks in ArcGIS Data Reviewer
Data check categories
Which check should be used?
Industry: Water utilities
Industry: Hydrography
Industry: Facility management
Industry: Land-use planning
Topology and ArcGIS Data Reviewer
Group activity
Exercise 4A introduction (10 minutes)
Learning objectives
Automated data check authoring
Configure the check
Configure conditions specific to the check
Configure the check

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Running a single data check
Instructor-led demo
Exercise 4B introduction (15 minutes)
Lesson review

5 *Batch Review*
Batch Review
Learning objectives
Think about…
What are batch jobs?
QC templates
Process for designing a batch job
Batch job groups
Duplicate Check Generator
Sharing batch jobs
Using batch jobs
Executing batch jobs
Instructor-led demo
Exercise introduction (30 minutes)
Lesson review

6 *Semi-automated Review*
Semi-automated Review
Learning objectives
What is semi-automated review?
Think about…
Visual review
Random sampling
Instructor-led demo
Documenting data errors with ArcGIS Desktop
Documenting data errors with ArcGIS Server
Reviewer geometry
Instructor-led demo
Data inspection tools
Positional accuracy assessment
Exercise introduction (45 minutes)
Lesson review

7 *Correction, Verification, and Reporting Results*
Correction, Verification, and Reporting Results
Learning objectives
Think about…
Updating the correction status

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Marking exceptions
Updating the verification status
Data Reviewer descriptions
Data Reviewer reporting
Reviewer Table statistics
ArcGIS Data Reviewer for Server
Exercise introduction (30 minutes)
Lesson review

8 *Course Conclusion*
Course Conclusion
You learned about…
Want to learn more?
Course evaluation
Thank you for attending

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