DataAI Training

Contents

Landing Page guide

https://oureports.net/DataAI/LandingPage.pdf

1. Registration

1.1 Quick start
Quick Start page and video

1.2 Regular start
User Registration page

Using our database on our server: https://oureports.net/DataAI/Videos/RegOurDb.mp4

Using user database: https://oureports.net/DataAI/Videos/UserRegistrationVideo.mp4

1.3 Company registration
Unit Registration page

Video: https://oureports.net/DataAI/Videos/UnitRegistrationVideo.mp4

1.4 Exercises
Register yourself as a user

2. Data Import
Video: https://oureports.net/DataAI/Videos/DataImport.mp4

3. Reports, Charts, Maps
DataAI documentation

Video: https://oureports.net/DataAI/Videos/zoom_2.mp4

3.1 List of Reports

3.1.1 Creating new report

3.1.2 Report definition: name, orientation, footer, for advanced user – data query and data import

https://oureports.net/DataAI/Videos/InputFromAccess.mp4

3.1.3 Report data: fields, Joins, Filters, Sorting

3.1.4 Report format: columns, expressions, groups, fields combining

3.1.5 Advanced report designer

https://oureports.net/DataAI/AdvancedReportDesigner.pdf#page=1

Video: https://oureports.net/DataAI/Videos/AdvancedReportDesigner Tabular.mp4

3.1.6 Export reports to Excel, Word, PDF

3.1.7 Schedule reports

3.2 List of Tables/ Classes
Links from classes to subclasses.

3.3 List of Joins
Automatically suggesting by analyzing data what tables fields have similar data and can be used to create Joins in data queries in reports.

3.4 SSRS reports – Matrix, DrillDown, Bar, Pie, Line
Download RDL – report definition file

3.5 Google Charts (12 types), Dashboards
https://oureports.net/DataAI/GoogleChartsAndDashboards.pdf

https://oureports.net/DataAI/Videos/zoom_2.mp4

3.6 Maps
https://oureports.net/DataAI/MapDefinitionDocumentation.pdf

Video: https://oureports.net/DataAI/Videos/zoom_2.mp4

3.7 Exercises
Create new report for your data or use our Sandbox or Analytics sites and copy one of reports for your exercises. Try to repeat what you see in ExploreData.pdf and videos above.

4. Analytics
4.1 Categories
Automatically suggesting by analyzing data what groups categories can be used in reports of the data.

4.2 Overall statistics
Exploring report data

https://oureports.net/DataAI/DataAIHelp.aspx?hilt=Overall_Statistics

4.3 Groups statistics
For reports with groups defined in Report Format definition page

https://oureports.net/DataAI/DataAIHelp.aspx?hilt=Groups_Statistics

4.4 Fields correlation
Automatically suggesting by analyzing data what fields are correlated.

4.5 Exercises

Open your report and click Analytics links from left menu.

5. Analyzing Public data

5.1 Use Cases

DataAI Reports (analyze public data)

5.2 Exercises

Try to upload public data not exceeding 4MB on your local computer and create a new report importing that data.

6. AI and DataAI (artificial and analytical intelligence)

Explore the capabilities of the AI and DataAI through our instructional resources:

▶ Video Tutorial: Watch the AI and DataAI in Action
https://oureports.net/DataAI/Videos/videoAIandDataAI.mp4
and
https://oureports.net/DataAI/Videos/videoDataAI.mp4

📄 Documentation: View the AI and DataAI Guide (PDF)
https://oureports.net/DataAI/AIandDataAI.pdf

7. Matrix balancing

https://oureports.net/DataAI/MatrixBalancing.pdf

Samples: https://oureports.net/DataAI/MatrixBalancingSamples.pdf

7.1 Videos for 11 different scenarios:

1a: Starting Matrix of aggregated field1 values to balance by manually entered sums by rows and sums by columns

1b: Starting Matrix of rows by group field for rows and selected columns from the multiple fields to balance by manually entered sums by rows and sums by columns

2a: Starting Matrix of aggregated field1 to balance for sums of rows and columns of the Target Matrix of the aggregated field2

2b: The starting value of field2 to get the Starting matrix of field1 values and target value of field2 to get Target matrix

2c: Get balancing coefficients for Starting Matrix of field1 for all iterations between starting and target values of the field2

3a: Get balancing coefficients for Starting Matrix of aggregated values of field1 and multiple Target Matrix of aggregated selected fields

3b: Starting Matrix as rows by matrix group field for rows and selected multiple columns to balance iterations from starting to target values of the field2

3c: Get balancing coefficients for Starting Matrix as rows by matrix group field for rows and columns from selected multiple fields, for all iterations between starting and target of the field2 values

4a: Starting Matrix of aggregated field1 to balance for sums of selected columns of the Target Matrix of the aggregated field2

4b: The starting value of field2 to get the Starting matrix of field1 values and target value of field2 to get Target matrix, and balance by sums of selected columns

4c: Starting Matrix of aggregated field1 to balance by manually entered sums by selected columns

https://oureports.net/DataAI/Videos/MatrixBalance1a1b.mp4

https://oureports.net/DataAI/Videos/MatrixBalance2a3a.mp4

https://oureports.net/DataAI/Videos/MatrixBalance2b2c.mp4

https://oureports.net/DataAI/Videos/MatrixBalance3b3c.mp4

https://oureports.net/DataAI/Videos/MatrixBalance4a4b4c.mp4

7.2 Exercises

Open your report and click Matrix Balancing link from left menu. Try to repeat what is done in docs and videos above.

8. DataAILite – in memory

https://oureports.net/oureports/DataAILite.pdf