

Joining Of Tables

The screenshot shows the IBM Cognos Analytics interface with the 'Relationships' tab selected. The data model consists of three tables: **countries.csv**, **regions.csv**, and **airports.csv**. The relationships are as follows:

- countries.csv** (1) to **regions.csv** (many)
- regions.csv** (1) to **airports.csv** (many)

The 'Diagram settings' panel on the right shows 'Cardinality' is enabled, 'Focus mode' is disabled, and 'Degrees of separation' is set to 1.

The 'Edit relationship' dialog box is open, showing the relationship between **Table 1: countries.csv** and **Table 2: regions.csv**. The columns for each table are:

Table 1: countries.csv	Table 2: regions.csv
Row Id	name
id	continent
code	iso_country
name	wikipedia_link
continent	keywords

The 'Match selected columns' section shows the following columns selected for the relationship:

Row Id	id	name	continent	wikipedia_link	keywords	code	iso_country	Row Id
1	302672	Andorra	EU	https://en.wikipedia.org/wiki/Andorra	Null	AD	AD	1
1	302672	Andorra	EU	https://en.wikipedia.org/wiki/Andorra	Null	AD	AD	2
1	302672	Andorra	EU	https://en.wikipedia.org/wiki/Andorra	Null	AD	AD	3
1	302672	Andorra	EU	https://en.wikipedia.org/wiki/Andorra	Null	AD	AD	4

The 'Inner join, 1-to-many' relationship is selected, and the 'Matched columns (1)' section shows the relationship between the 'code' column in Table 1 and the 'iso_country' column in Table 2.