

# Understanding the dataset

The screenshot shows a web browser window with the URL [https://careereducation.smartinternz.com/Student/guided\\_project\\_info/39218#](https://careereducation.smartinternz.com/Student/guided_project_info/39218#). The page is titled 'Guided Project' and features a sidebar with a navigation menu. The menu items are: Project Objectives, Project Flow, IBM Cloud Account, Working With The Dataset, Understanding The Dataset (highlighted), Dataset, Loading Of Dataset, Data Preparation, Joining Of Tables, Exploration Of Data, Data Visualization Charts, and Ideation Phase. The main content area is titled 'Airlines Data Analytics For Aviation Industry'. It contains a paragraph explaining that airport codes can refer to IATA or ICAO codes. Below this is the 'Goal of the Project' section, which states the aim is to provide better airline and airport services to avoid delays. The 'Technical Architecture' section includes a diagram showing a 'User' interacting with 'IBM COGNOS', which in turn interacts with a 'Data' database.

# Load the dataset

The screenshot shows the IBM Cognos Analytics with Watson interface. At the top, there is a message: 'Regions1.csv did not upload. Size limit per upload could not be read.' with a 'Hide Details' link. Below this is a welcome message: 'Hello. Welcome to Cognos Analytics with Watson.' followed by a prompt to look at an introduction video, product tour, and Getting Started tab. There are two buttons: 'Watch video' and 'Take a product tour'. The 'Quick launch' section contains four cards: 'Upload data' (Upload or drag and drop spreadsheets, csv files, and other data sources), 'Prepare data' (Use data modules to clean and connect data from multiple resources), 'Exploration' (Quickly find unbiased answers by identifying trends in your data with data exploration), and 'Present data' (Create sophisticated, multi-page, multi-query dashboards, reports, or stories).

# Prepare the dataset

The screenshot displays the IBM Cognos Analytics interface. On the left, the 'Data module' pane shows a search bar and a list of data sources: 'ADA\_IBM\_DB2', 'Navigation paths', 'Air', 'Con', and 'Reg'. The 'Reg' source is selected. The main area shows a table with the following columns: 'Column 0', 'Code', 'Local Code', 'Name', 'Continent', and 'Iso Country'. The table contains 13 rows of data.

Column 0	Code	Local Code	Name	Continent	Iso Country
0	AD-02	02	Canillo Parish	EU	AD
1	AD-03	03	Encamp Parish	EU	AD
2	AD-04	04	La Massana Parish	EU	AD
3	AD-05	05	Ordino Parish	EU	AD
4	AD-06	06	Sant Julià de Lòria Parish	EU	AD
5	AD-07	07	Andorra la Vella Parish	EU	AD
6	AD-08	08	Escaldes-Engordany Parish	EU	AD
7	AD-U-A	U-A	(unassigned)	EU	AD
8	AE-AJ	AJ	Ajman Emirate	AS	AE
9	AE-AZ	AZ	Abu Dhabi Emirate	AS	AE
10	AE-DU	DU	Dubai Emirate	AS	AE
11	AE-FU	FU	Fujairah Emirate	AS	AE
12	AE-RK	RK	Ras al-Khaimah Emirate	AS	AE
13	AE-SH	SH	Sharjah Emirate	AS	AE