

Project Rubric

Section 1: Dataset Preparation and Transformation

Select Sample Topic

Name	Description
Product Sales	Sales Performance Analysis
Clinical Trials	Clinical Trial Patient Analysis
Marketing Campaigns	Ad Spend and Performance
Student Enrollment Statistics	Graduate Student Enrollment Analysis
Financial Services Card Payments	Card Payments Analysis and Customer Details
AWS Cost and Usage	AWS Cost and Usage Data

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CANCEL

CREATE SAMPLE TOPIC

Figure 1 Student Enrollment Statistics sample topic in QuickSight selected

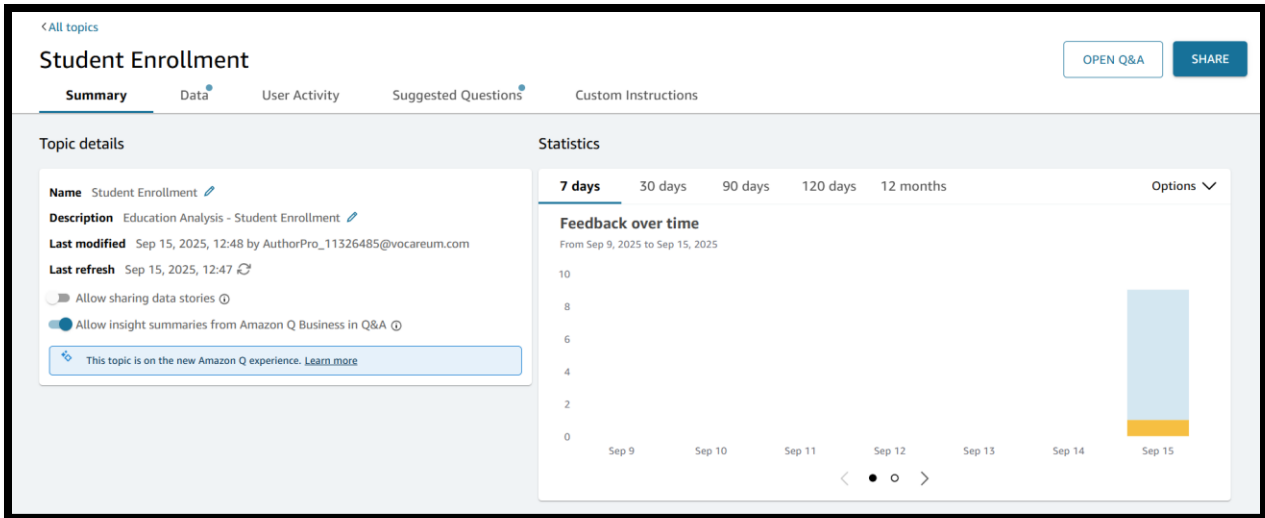


Figure 2 Topic created and Dataset available

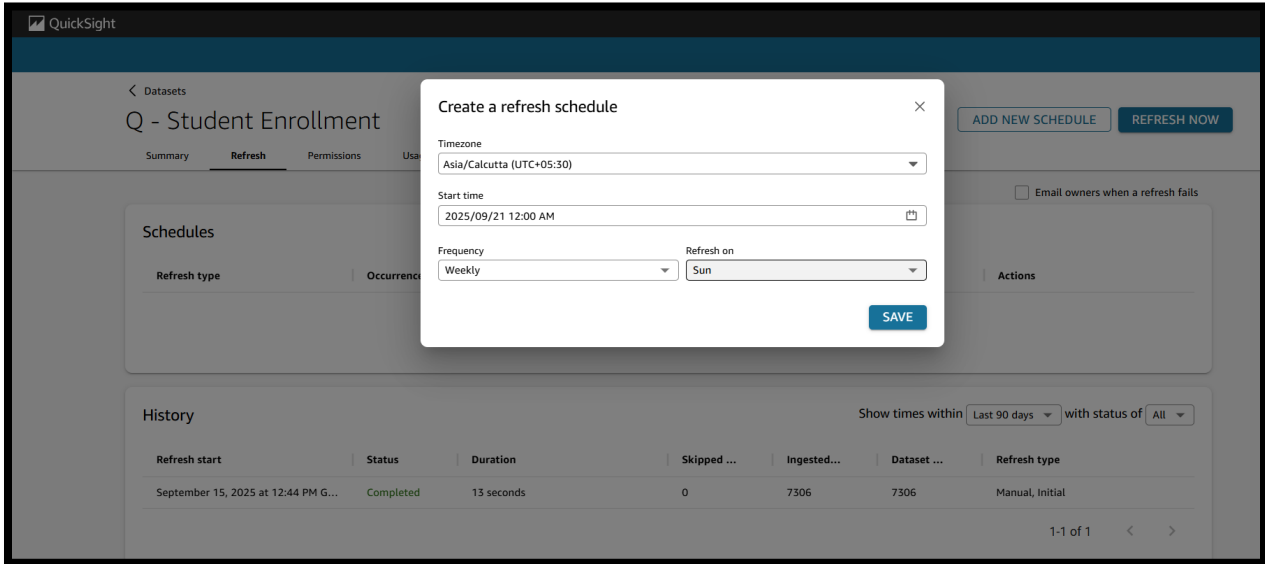


Figure 3 Configuring Refresh Schedule

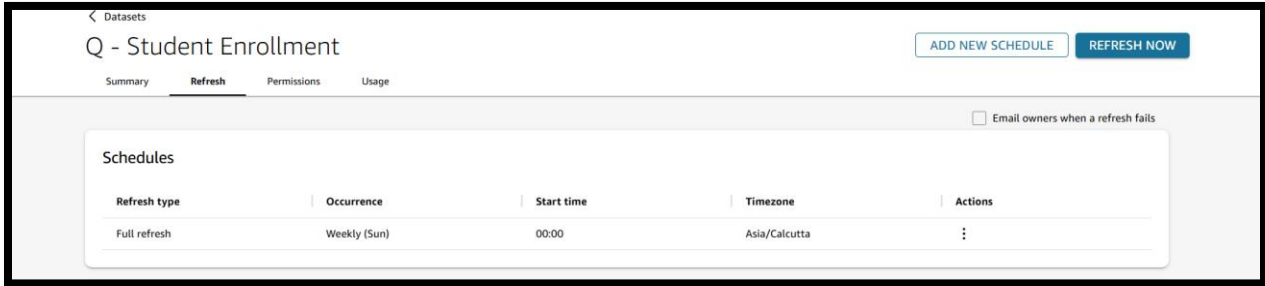


Figure 4 Refresh Schedule Created

Edit field

Name
NationalOrigin

Description
Country of Residence on admission application
455 characters left

Cancel Apply

Figure 5 Editing the Field HomeOfOrigin renaming to NationalOrigin with the provided description

Select All None

- Address
- Mobile
- StudentName
- StudentId
- AcademicYear
- EnrollmentDate
- GraduationDate
- Major
- Age
- DOB
- NationalOrigin**
- City

Excluded fields No fields excluded

Refresh now

Address	Mobile	StudentName	StudentId	AcademicYear	EnrollmentDate	GraduationDate	Major	Age	DOB	NationalOrigin
445 Waubes...	898-976-0439	Gustaf Atty	5d70038f12...	2020	2020-10-08...	2022-12-12...	Economics &...	19	2005-02-13...	United States
2 Grover Lane	195-169-3799	Cos O'Donov...	8b7ee1bdf...	2019	2019-02-09...	2021-05-05...	Accounting	17	2007-02-12...	United States
11452 McBri...	913-468-3243	Delcine Boar...	938ddc9ab7...	2021	2021-10-16...	2023-12-01...	Biology	19	2005-02-13...	South Korea
91 Bashford ...	260-761-0914	Devin Attwoull	3880f91696...	2021	2021-01-05...	2023-12-01...	Computer S...	19	2005-02-13...	United States

Figure 6 Field name changed to NationalOrigin

Add calculated field

Student Type

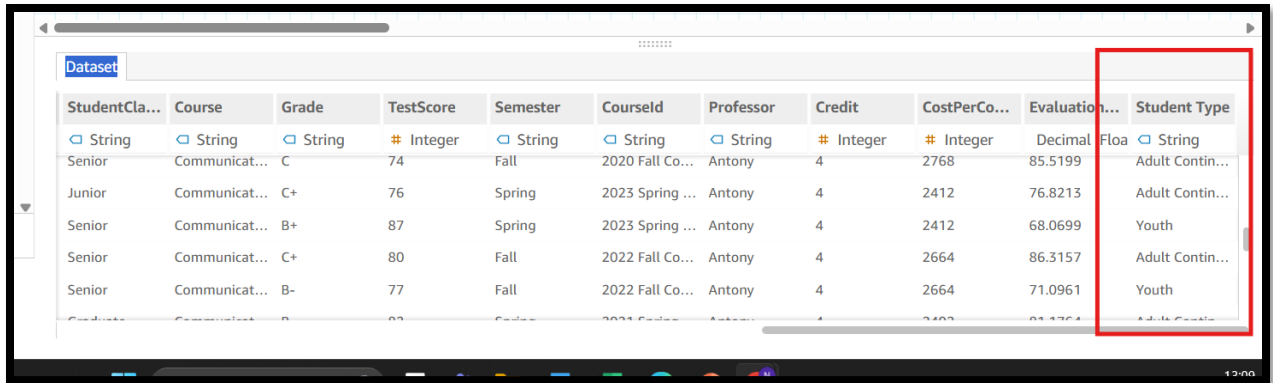
ifelse({Age} < 30, "Youth", "Adult Continuing Education")

Fields

Search fields

Cancel Save

Figure 7 Adding the calculated field Student Type with the formula ifelse({Age} < 30, "Youth", "Adult Continuing Education")



The screenshot shows a dataset table with the following columns and data:

Student Cla...	Course	Grade	TestScore	Semester	Courseld	Professor	Credit	CostPerCo...	Evaluation...	Student Type
Senior	Communicat...	C	74	Fall	2020 Fall Co...	Antony	4	2768	85.5199	Adult Contin...
Junior	Communicat...	C+	76	Spring	2023 Spring ...	Antony	4	2412	76.8213	Adult Contin...
Senior	Communicat...	B+	87	Spring	2023 Spring ...	Antony	4	2412	68.0699	Youth
Senior	Communicat...	C+	80	Fall	2022 Fall Co...	Antony	4	2664	86.3157	Adult Contin...
Senior	Communicat...	B-	77	Fall	2022 Fall Co...	Antony	4	2664	71.0961	Youth

The 'Student Type' column is highlighted with a red box. The data values are: Adult Contin..., Adult Contin..., Youth, Adult Contin..., Youth.

Figure 8 values populated to Student Type Field as per the formula

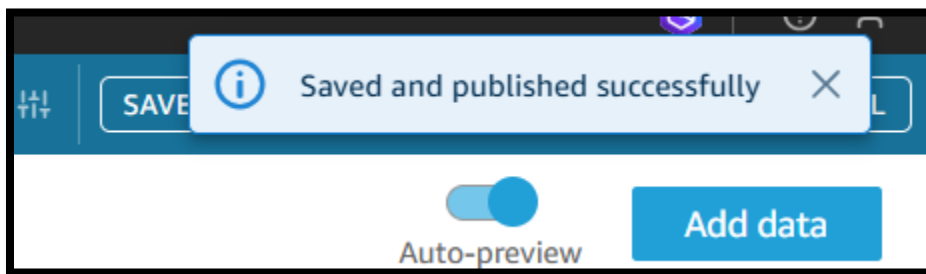


Figure 9 Saving and publishing the dataset