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**Roll No.: RD2441A31**

**Registration No: 12404320**

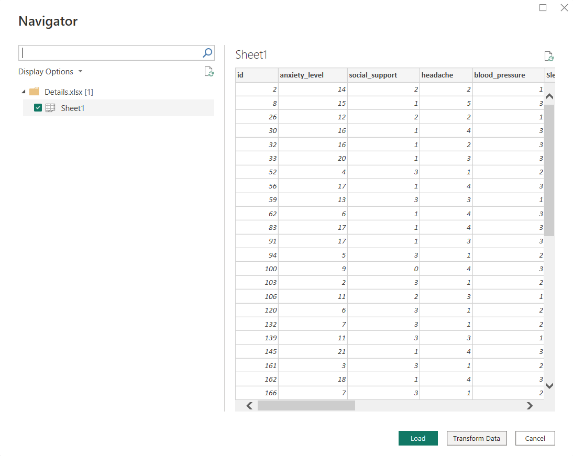
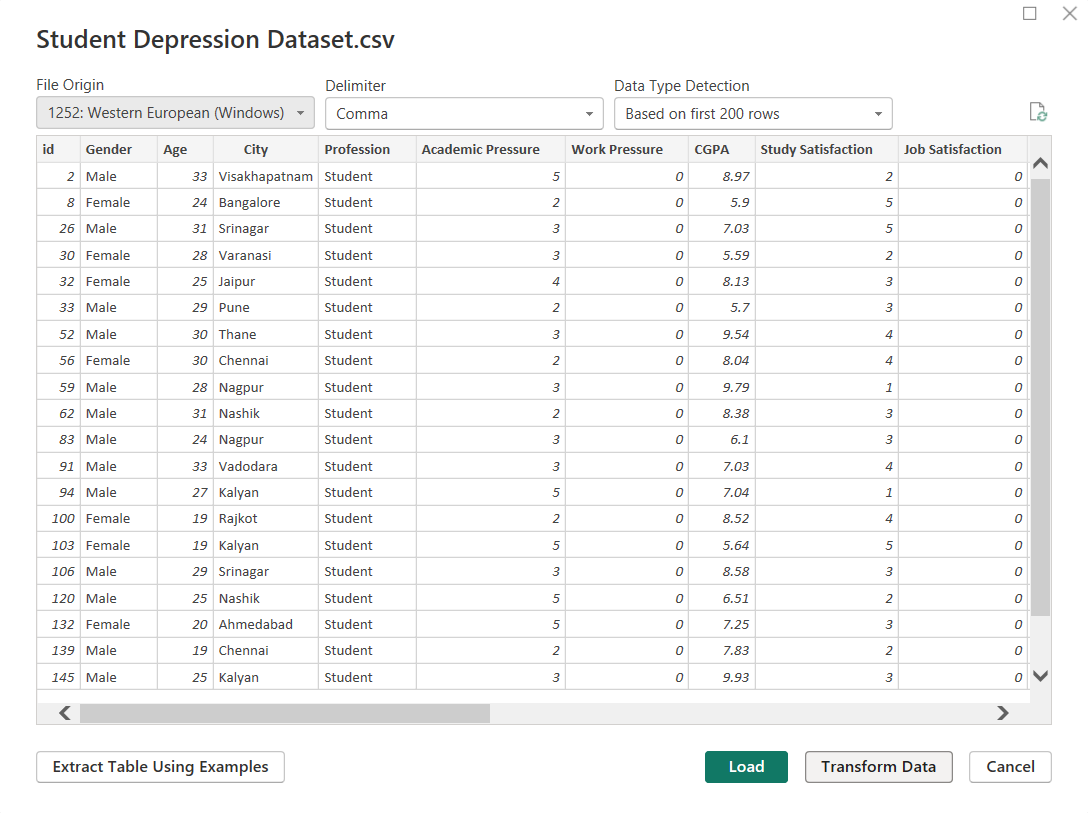
**Topic: Relationship between Academic Pressure and Mental Health**

**Submitted to: Jasleen Kaur Paintal ma’am**

1. **Data Acquisition: Import data from diverse sources (Excel, CSV, SQL, APIs) with accuracy.**

**Import data from diverse sources (Excel, CSV, SQL, APIs) with accuracy:**

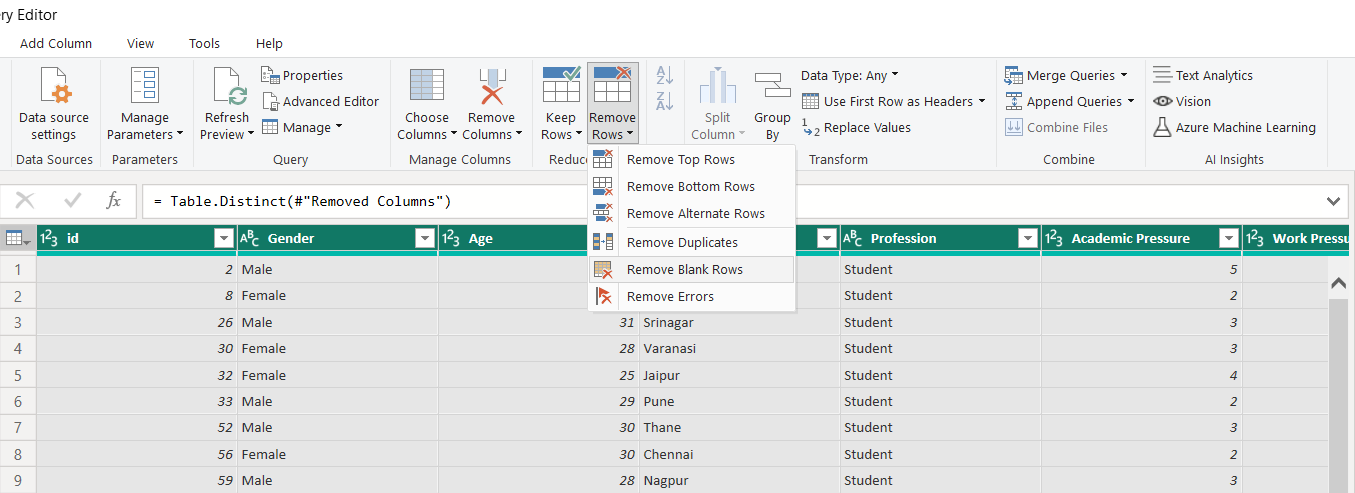
***Dataset 1: Dataset 2:***

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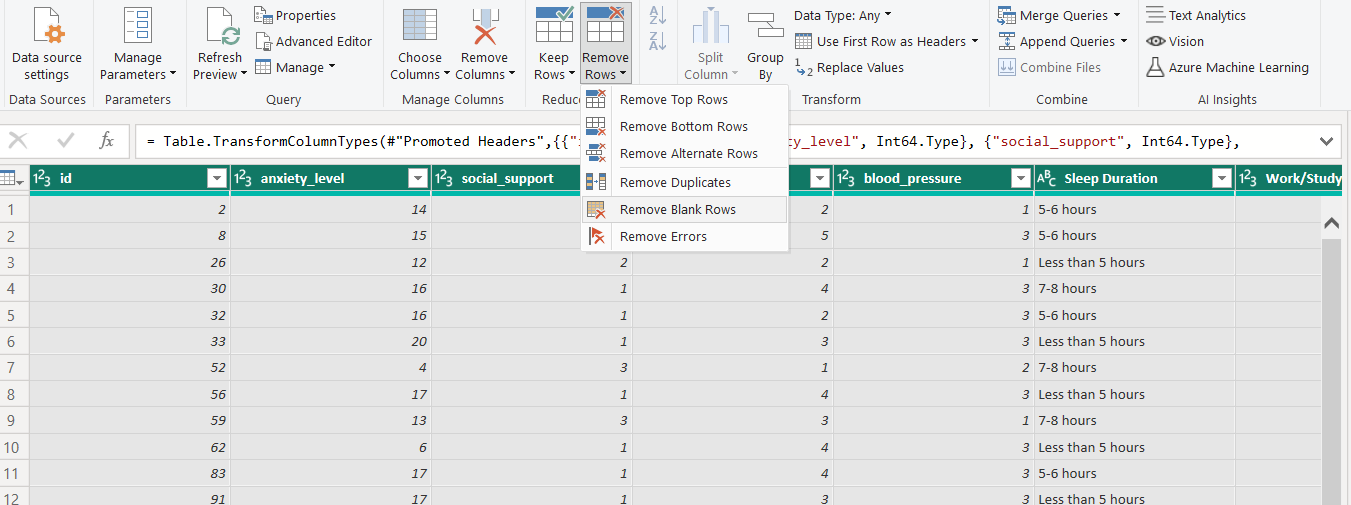
1. **Data Cleaning:**

* **Handles missing values (imputation, removal) appropriately.**

***Dataset 1:***

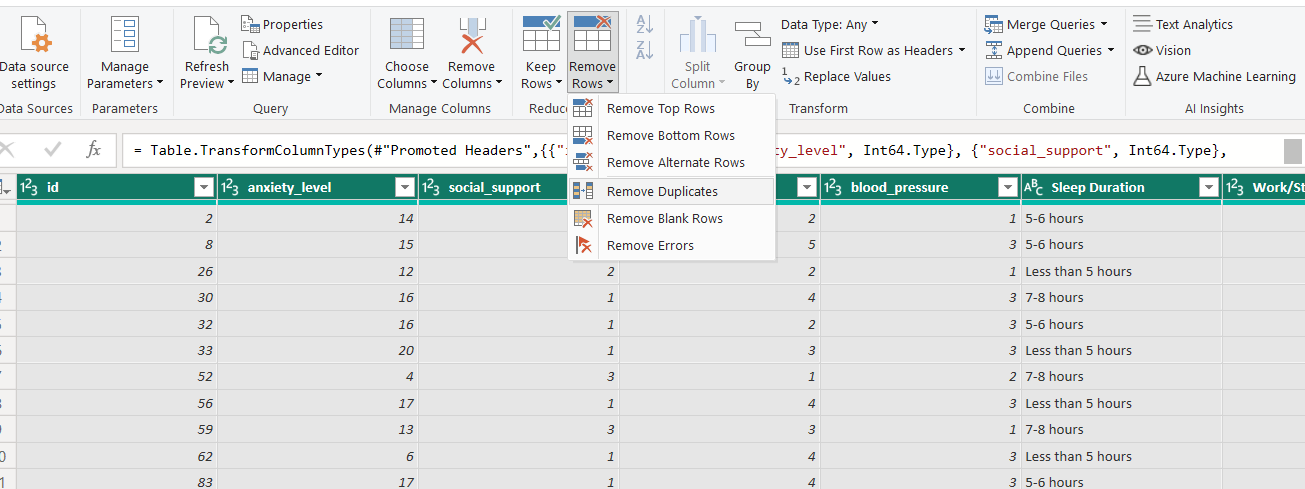
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***Dataset 2:***

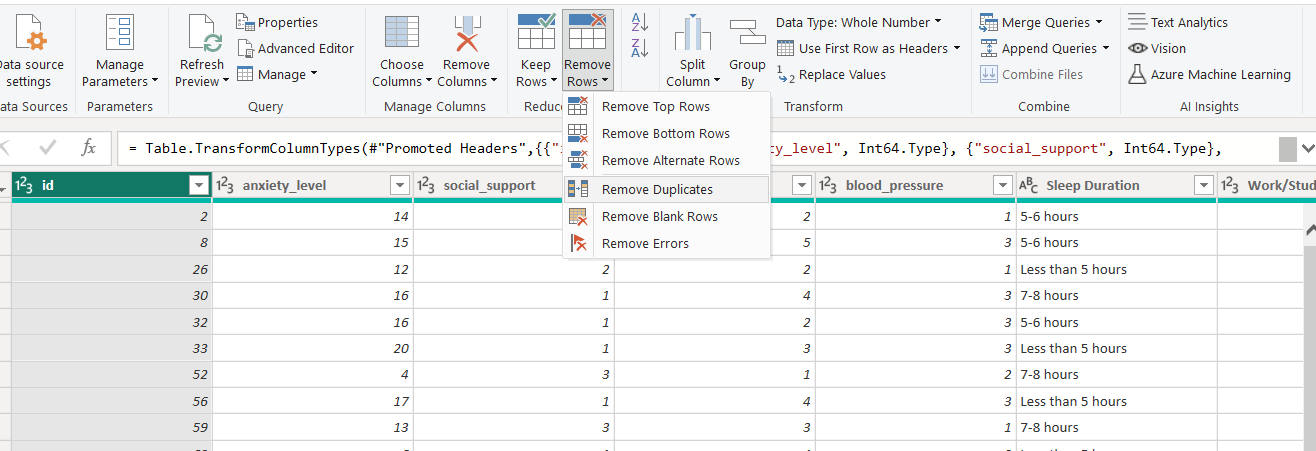
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* **Removes duplicates and irrelevant data.**

***Dataset 1:***

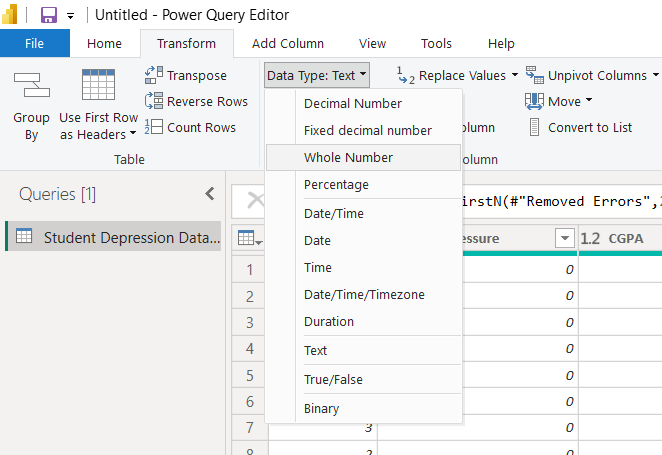
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***Dataset 2:***

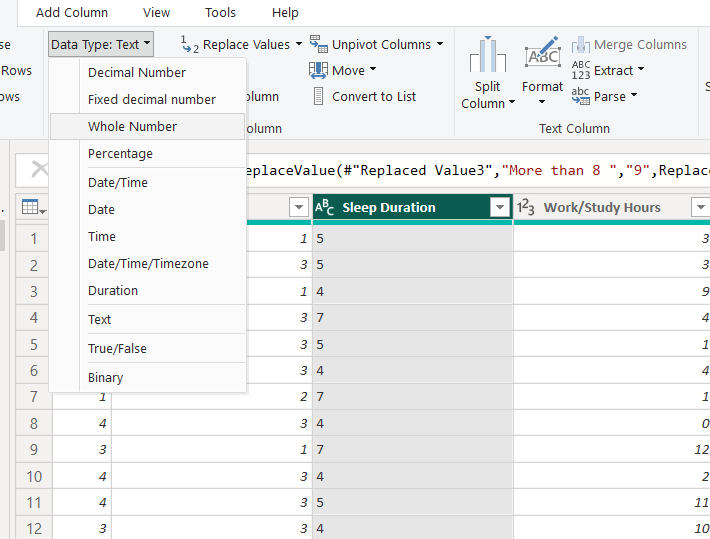
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* **Corrects inconsistencies (e.g., date formats, spelling).**

***Dataset 1:***

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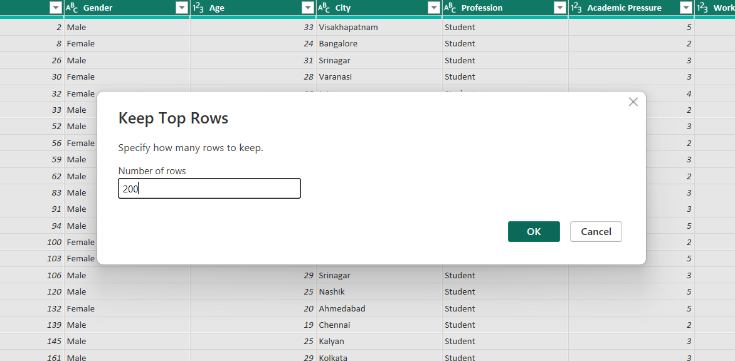
***Dataset 2:***

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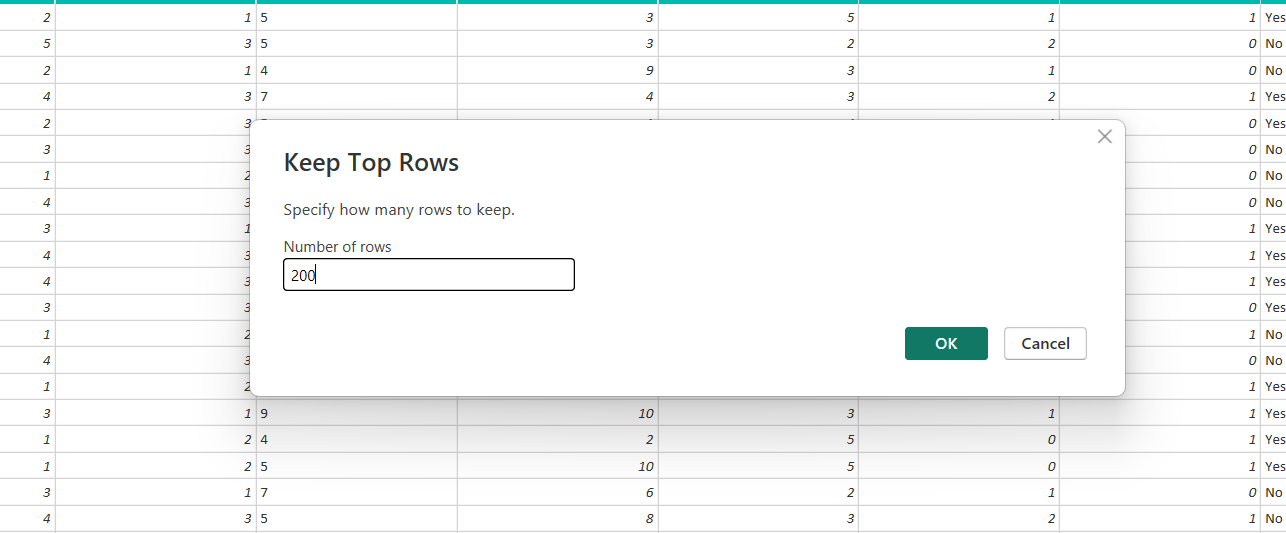
1. **Data Transformation:**

* **Applies Power Query steps like filtering, sorting, and grouping.**

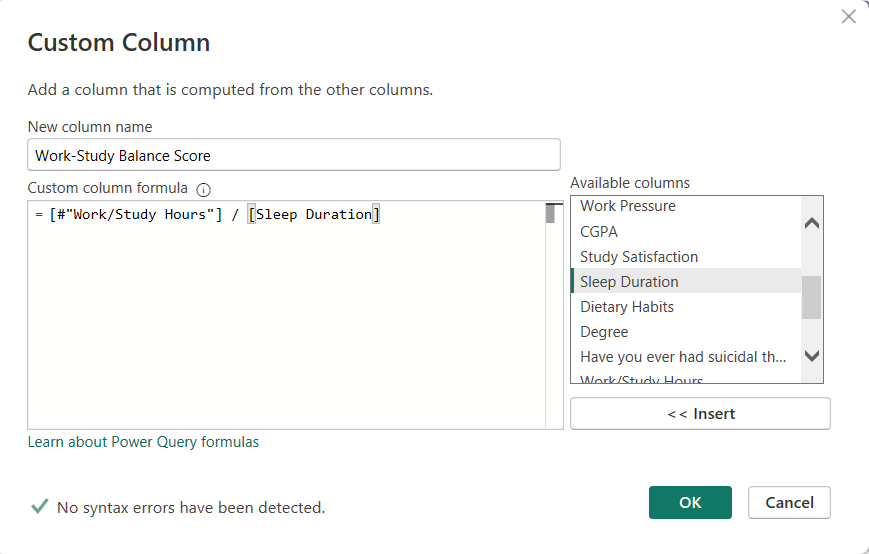
***Dataset 1:***

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***Dataset 2:***

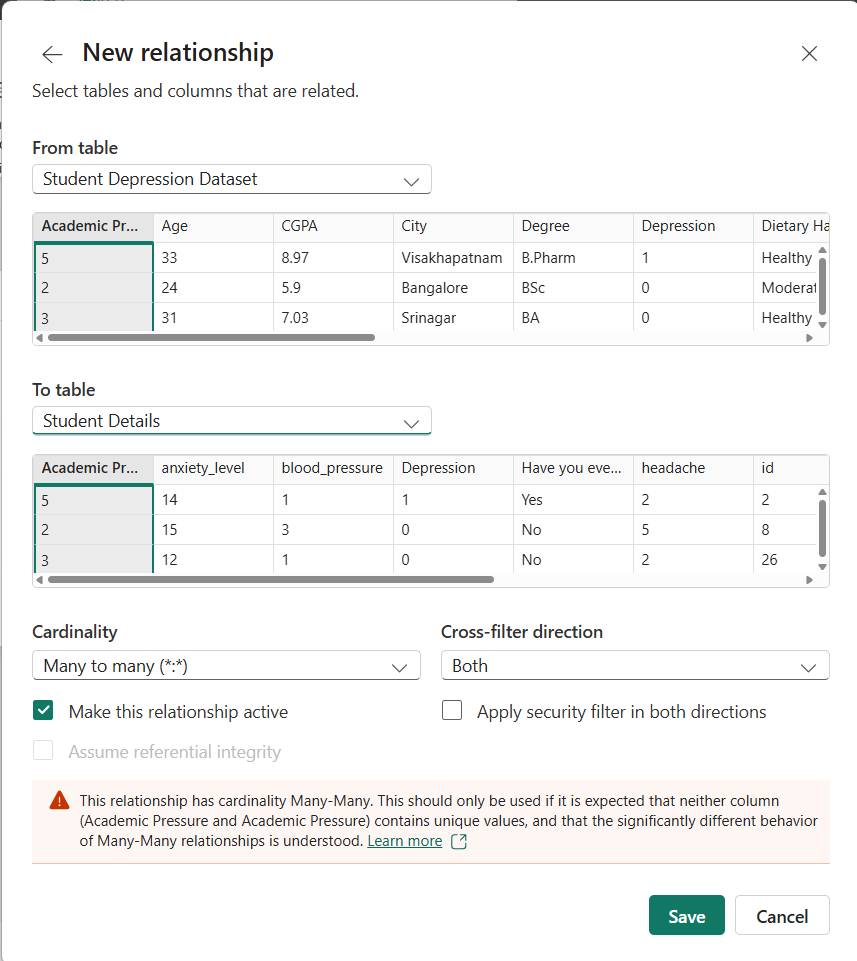
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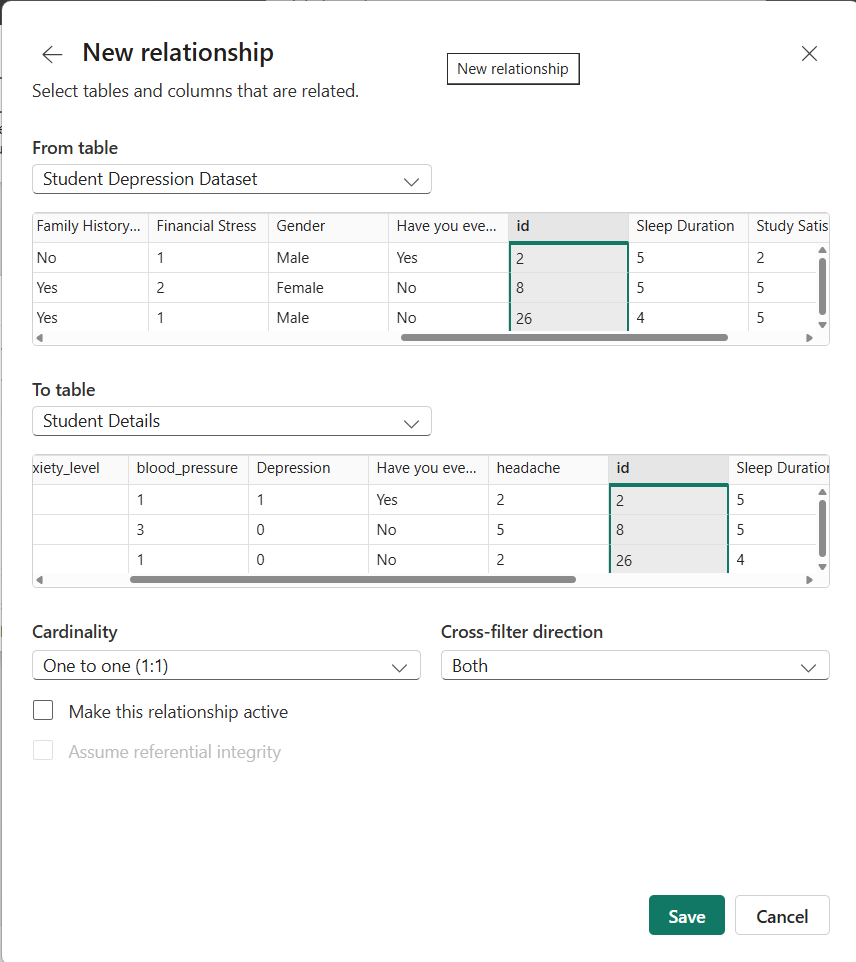
* **Uses appropriate calculations and transformations (e.g., calculated columns, measures).**

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1. **Data Integration:**

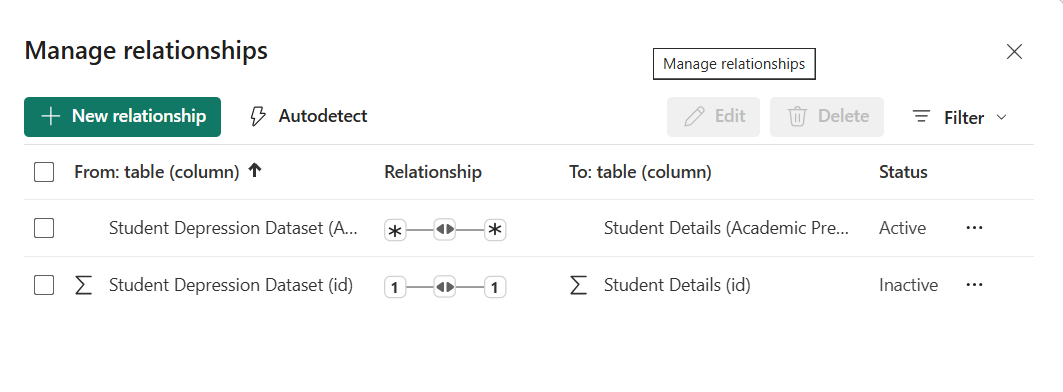
* **Demonstrates logical relationships between tables.**

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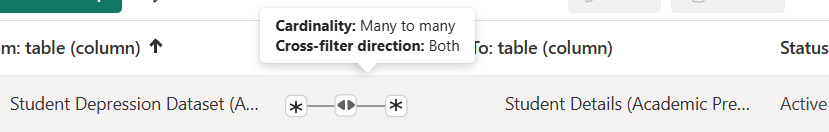
1. **Data Validation:**

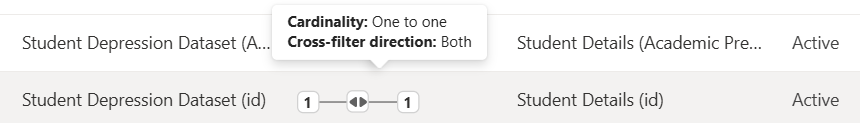
* **Validates the integrity of data post-preprocessing.**

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1. **Power BI Model Set-up:**

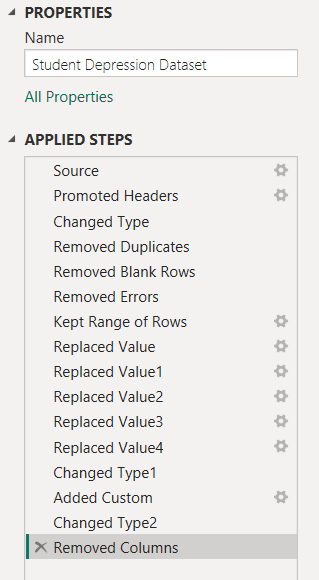
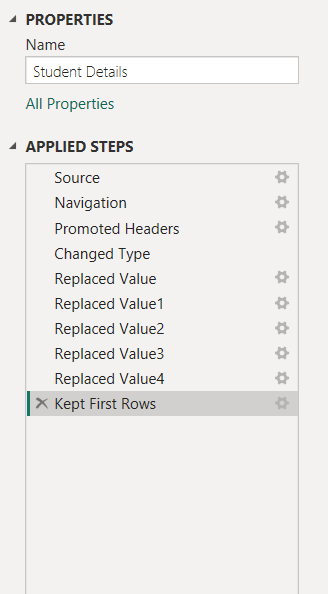
* **Sets up relationships with correct cardinality**

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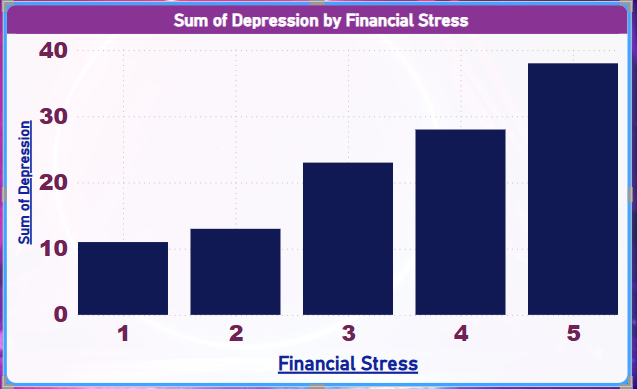
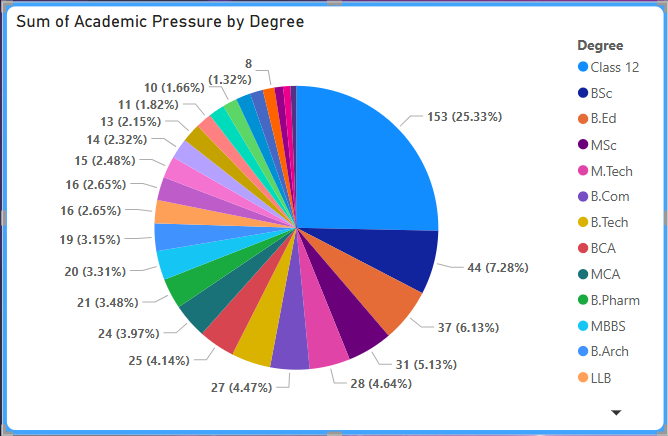
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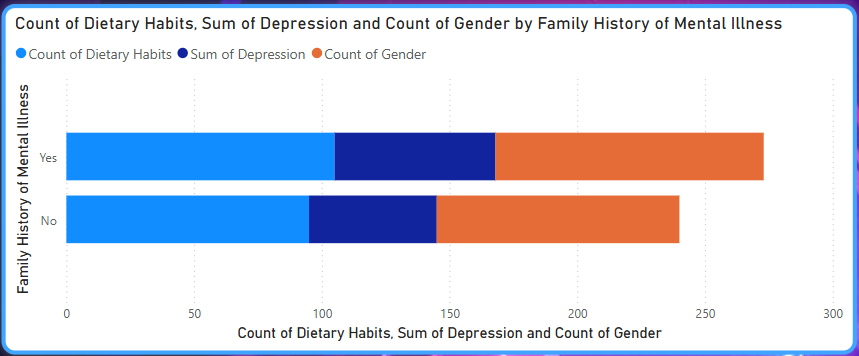
1. **Provides clear, concise documentation of preprocessing steps:**

* ***Dataset 1: Dataset 2:***

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1. **Visualisation for Validation:**

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