

## Case Study: RCM Data Analysis

You have been provided with a CSV file containing claims and payment data.

[Pre-Launch Case Payment Report - EHR Report.csv](#)

Your task is to complete the following deliverables:

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### Deliverable 1: Payer-Level Analysis

1. Create a summary table showing each **unique Payer Name**.
  2. For **each** payer, calculate:
    - **Total Payer Payments** (sum of all payments received from that payer).
    - **Payment-to-Charge %** =  $(\text{Total Payer Payments} \div \text{Total Billed Charges}) \times 100$ .
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### Deliverable 2: Payer by NPI–TIN Combination

1. Identify all **unique combinations of NPI and TIN**.
  2. For each unique NPI–TIN combination, create a payer-level listing.
    - This means you will **replicate the payer list** for each NPI–TIN combination.
    - Each row should include the Payer Name, NPI, and TIN.
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Please submit your output as a well-organized Excel or Google Sheets workbook with **two separate tabs**:

- **Tab 1:** Payer Summary (Deliverable 1)
- **Tab 2:** Payer–NPI–TIN Mapping (Deliverable 2)