

Claims Data Analysis Report

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****Overview of the Data (First 10 Rows):****

| Claim_ID | Claim_Date | Billed_Amount | Paid_Amount | Patient_Age | Insurance_Provider | Claim_Type |
|----------|----------------------------|---------------|-------------|-------------|--------------------|------------|
| 1 | 2024-12-12 17:32:54.044291 | 3282.19 | 2048.26 | 18 | UnitedHealth | Medical |
| 2 | 2024-04-10 17:32:54.044291 | 1386.5 | 759.43 | 82 | Cigna | Vision |
| 3 | 2024-06-27 17:32:54.044291 | 1347.85 | 99.53 | 61 | Cigna | Medical |
| 4 | 2024-12-08 17:32:54.044291 | 4695.54 | 4298.8 | 24 | UnitedHealth | Dental |
| 5 | 2025-01-12 17:32:54.044291 | 3767.97 | 2023.4 | 51 | Aetna | Pharmacy |
| 6 | 2024-09-17 17:32:54.044291 | 3960.91 | 1053.27 | 82 | UnitedHealth | Medical |
| 7 | 2025-03-04 17:32:54.044291 | 2952.72 | 2117.41 | 94 | UnitedHealth | Pharmacy |
| 8 | 2024-12-12 17:32:54.044291 | 2768.9 | 294.16 | 51 | Cigna | Vision |
| 9 | 2024-11-23 17:32:54.044291 | 4041.55 | 25.36 | 21 | Aetna | Pharmacy |
| 10 | 2024-08-22 17:32:54.044291 | 3748.41 | 230.95 | 4 | Cigna | Pharmacy |

****Key Metrics:****

| Metric | Value |
|-----------------------------------|--|
| Average Payment Rate by Provider | |
| - Aetna | 0.507 |
| - BlueCrossBlueShield | 0.507 |
| - Cigna | 0.507 |
| - UnitedHealth | 0.507 |
| Total Billed and Paid by Provider | |
| - Aetna | Billed: 704559570.16, Paid: 352023296.41 |
| - BlueCrossBlueShield | Billed: 702587550.79, Paid: 350805233.85 |
| - Cigna | Billed: 704806265.53, Paid: 351874691.33 |
| - UnitedHealth | Billed: 702170153.64, Paid: 350961089.65 |
| Average Patient Age by Claim Type | |
| - Dental | 50.0 |
| - Medical | 50.0 |
| - Pharmacy | 50.0 |
| - Vision | 50.0 |

****Top 5 High Bills:****

| Claim_ID | Claim_Date | Billed_Amount | Claim_Type |
|----------|------------|---------------|------------|
| 4 | 2024-12-08 | 4695.54 | Dental |
| 9 | 2024-11-23 | 4041.55 | Pharmacy |
| 12 | 2024-12-27 | 4099.78 | Dental |
| 16 | 2024-11-14 | 4113.03 | Pharmacy |
| 17 | 2024-10-26 | 4141.95 | Medical |

****Trend Analysis: Number of Claims Over Time (Last 1 Year - Monthly)****

