Question A

Provide your question(s). It (they) may be predictive, descriptive, etc. Do an analysis of the data. What can you determine from the data?

A. Data were collected by the Department of Health and Social Services of the State of New Mexico and cover 52 of the 60 licensed nursing facilities in New Mexico in 1988.

**Number of cases:** 52

**Variable Names:**

1. BED = number of beds in home
2. MCDAYS = annual medical in-patient days (hundreds)
3. TDAYS = annual total patient days (hundreds)
4. PCREV = annual total patient care revenue ($hundreds)
5. NSAL = annual nursing salaries ($hundreds)
6. FEXP = annual facilities expenditures ($hundreds)
7. RURAL = rural (1) and non-rural (0) homes

**The Data:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| BED | MCDAYS | TDAYS | PCREV | NSAL | FEXP | RURAL |
| 244 | 128 | 385 | 23521 | 5230 | 5334 | 0 |
| 59 | 155 | 203 | 9160 | 2459 | 493 | 1 |
| 120 | 281 | 392 | 21900 | 6304 | 6115 | 0 |
| 120 | 291 | 419 | 22354 | 6590 | 6346 | 0 |
| 120 | 238 | 363 | 17421 | 5362 | 6225 | 0 |
| 65 | 180 | 234 | 10531 | 3622 | 449 | 1 |
| 120 | 306 | 372 | 22147 | 4406 | 4998 | 1 |
| 90 | 214 | 305 | 14025 | 4173 | 966 | 1 |
| 96 | 155 | 169 | 8812 | 1955 | 1260 | 0 |
| 120 | 133 | 188 | 11729 | 3224 | 6442 | 1 |
| 62 | 148 | 192 | 8896 | 2409 | 1236 | 0 |
| 120 | 274 | 426 | 20987 | 2066 | 3360 | 1 |
| 116 | 154 | 321 | 17655 | 5946 | 4231 | 0 |
| 59 | 120 | 164 | 7085 | 1925 | 1280 | 1 |
| 80 | 261 | 284 | 13089 | 4166 | 1123 | 1 |
| 120 | 338 | 375 | 21453 | 5257 | 5206 | 1 |
| 80 | 77 | 133 | 7790 | 1988 | 4443 | 1 |
| 100 | 204 | 318 | 18309 | 4156 | 4585 | 1 |
| 60 | 97 | 213 | 8872 | 1914 | 1675 | 1 |
| 110 | 178 | 280 | 17881 | 5173 | 5686 | 1 |
| 120 | 232 | 336 | 17004 | 4630 | 907 | 0 |
| 135 | 316 | 442 | 23829 | 7489 | 3351 | 0 |
| 59 | 163 | 191 | 9424 | 2051 | 1756 | 1 |
| 60 | 96 | 202 | 12474 | 3803 | 2123 | 0 |
| 25 | 74 | 83 | 4078 | 2008 | 4531 | 1 |
| 221 | 514 | 776 | 36029 | 1288 | 2543 | 1 |
| 64 | 91 | 214 | 8782 | 4729 | 4446 | 1 |
| 62 | 146 | 204 | 8951 | 2367 | 1064 | 0 |
| 108 | 255 | 366 | 17446 | 5933 | 2987 | 1 |
| 62 | 144 | 220 | 6164 | 2782 | 411 | 1 |
| 90 | 151 | 286 | 2853 | 4651 | 4197 | 0 |
| 146 | 100 | 375 | 21334 | 6857 | 1198 | 0 |
| 62 | 174 | 189 | 8082 | 2143 | 1209 | 1 |
| 30 | 54 | 88 | 3948 | 3025 | 137 | 1 |
| 79 | 213 | 278 | 11649 | 2905 | 1279 | 0 |
| 44 | 127 | 158 | 7850 | 1498 | 1273 | 1 |
| 120 | 208 | 423 | 29035 | 6236 | 3524 | 0 |
| 100 | 255 | 300 | 17532 | 3547 | 2561 | 1 |
| 49 | 110 | 177 | 8197 | 2810 | 3874 | 1 |
| 123 | 208 | 336 | 22555 | 6059 | 6402 | 1 |
| 82 | 114 | 136 | 8459 | 1995 | 1911 | 1 |
| 58 | 166 | 205 | 10412 | 2245 | 1122 | 1 |
| 110 | 228 | 323 | 16661 | 4029 | 3893 | 1 |
| 62 | 183 | 222 | 12406 | 2784 | 2212 | 1 |
| 86 | 62 | 200 | 11312 | 3720 | 2959 | 1 |
| 102 | 326 | 355 | 14499 | 3866 | 3006 | 1 |
| 135 | 157 | 471 | 24274 | 7485 | 1344 | 0 |
| 78 | 154 | 203 | 9327 | 3672 | 1242 | 1 |
| 83 | 224 | 390 | 12362 | 3995 | 1484 | 1 |
| 60 | 48 | 213 | 10644 | 2820 | 1154 | 0 |
| 54 | 119 | 144 | 7556 | 2088 | 245 | 1 |
| 120 | 217 | 327 | 20182 | 4432 | 6274 | 0 |