

# Tarea 1.1 – Resultados

Análisis estadístico de mediciones de voltaje

## Error absoluto y relativo por hora

| Hora     | Error absoluto | Error relativo |
|----------|----------------|----------------|
| 0:00:00  | 6.6700         | 0.0537         |
| 0:30:00  | 6.0000         | 0.0482         |
| 1:00:00  | 5.4500         | 0.0436         |
| 1:30:00  | 4.1500         | 0.0330         |
| 2:00:00  | 3.8900         | 0.0309         |
| 2:30:00  | 3.0200         | 0.0238         |
| 3:00:00  | 3.0400         | 0.0240         |
| 3:30:00  | 2.6200         | 0.0206         |
| 4:00:00  | 2.6100         | 0.0206         |
| 4:30:00  | 1.0000         | 0.0079         |
| 5:00:00  | 0.2600         | 0.0020         |
| 5:30:00  | 1.0400         | 0.0082         |
| 6:00:00  | 1.1500         | 0.0091         |
| 6:30:00  | 0.1100         | 0.0009         |
| 7:00:00  | 2.0000         | 0.0157         |
| 7:30:00  | 2.4500         | 0.0193         |
| 8:00:00  | 3.4100         | 0.0267         |
| 8:30:00  | 0.9300         | 0.0073         |
| 9:00:00  | 0.7200         | 0.0056         |
| 9:30:00  | 0.8000         | 0.0063         |
| 10:00:00 | 1.0000         | 0.0078         |
| 10:30:00 | 1.1000         | 0.0086         |
| 11:00:00 | 1.7500         | 0.0136         |
| 11:30:00 | 0.0000         | 0.0000         |
| 12:00:00 | 0.0800         | 0.0006         |
| 12:30:00 | 0.0200         | 0.0002         |

| Hora     | Error absoluto | Error relativo |
|----------|----------------|----------------|
| 13:00:00 | 0.1200         | 0.0009         |
| 13:30:00 | 0.6500         | 0.0050         |
| 14:00:00 | 0.6500         | 0.0050         |
| 14:30:00 | 0.9500         | 0.0073         |
| 15:00:00 | 1.0000         | 0.0077         |
| 15:30:00 | 1.0100         | 0.0078         |
| 16:00:00 | 1.2100         | 0.0093         |
| 16:30:00 | 1.2000         | 0.0093         |
| 17:00:00 | 0.1700         | 0.0013         |
| 17:30:00 | 0.9700         | 0.0075         |
| 18:00:00 | 1.1000         | 0.0085         |
| 18:30:00 | 1.2000         | 0.0092         |
| 19:00:00 | 2.4400         | 0.0188         |
| 19:30:00 | 2.4500         | 0.0188         |
| 20:00:00 | 3.4500         | 0.0264         |
| 20:30:00 | 3.4500         | 0.0264         |
| 21:00:00 | 3.5000         | 0.0268         |
| 21:30:00 | 2.9500         | 0.0226         |
| 22:00:00 | 2.7600         | 0.0211         |
| 22:30:00 | 2.7100         | 0.0207         |
| 23:00:00 | 0.9500         | 0.0073         |
| 23:30:00 | 0.8600         | 0.0066         |

## Resultados estadísticos

Media aritmética: 128.3875  
 Mediana: 128.7900  
 Moda: 127.0000  
 Desviación promedio: 1.5115  
 Desviación estándar: 1.7623  
 Varianza: 3.1057  
 Rango: 6.7200  
 Coeficiente de variación: 0.0137  
 Semi-intercuartil: 1.4313