❖ **Data we are interested in and how to extract it :**

Data	Id	note
SOC	0x155	exemple: **data**: 7 97 CD 54 4C D0 0 6C **Bytes 5-6 (0x4CD0)**: State of Charge ○ Combined: 0x4CD0 = 19,664 decimal ○ **SOC**: 19,664 ÷ 400 = **49.16%**
Speed	0x19F	I priorities the second and third, but if not available the first one is acceptable
Precise Speed	0x5D7	
Speed	0x599	
Odometer	0x5D7	I priorities the first, but if not available the second one is acceptable
Odometer	0x599	
Remaining Range	0x599	
Motor/Controller Status	0x59B	
Gear Selection	0x59B	
Power/Torque	0x59B	
Accelerator Pedal	0x59B	
Brake Status	0x59B	
Capacitor Voltage	0x59B	
Available Energy	0x425	
Battery Voltage	0x425	
Charging Protocol status	0x425	
Motor Temperature	0x196	
Power Request	0x196	

the output i want to see on the ESPnow code :

System Status Summary

Battery Status:

- **State of Charge**: ~49%
- **Battery Voltage**: ~57.5V
- **Available Energy**: ~2.8 kWh
- **Current Flow**: High discharge current (vehicle in use)

Vehicle Status:

- **Speed**: 0 km/h (stationary)
- **Gear**: Drive (D)
- **Remaining Range**: 16 km
- **Odometer**: ~3,500 km
- **Motor Temperature**: 35°C

Control Status:

- **Motor Controller**: Active and operational
- **Accelerator Pedal**: ~18% pressed
- **Brake**: Not active
- **Power Request**: High power demand