**Using a linear regression model to analyze road accident severity can offer several benefits, especially in underdeveloped countries:**

**Identifying High-Risk Factors:** The model can help identify which factors (like poor weather or road conditions) contribute most to severe accidents.

**Data-Driven Decision Making**: Authorities can make informed decisions on traffic safety measures, such as improved road signage or weather-related warnings.

**Resource Allocation:** Understanding accident patterns allows governments to allocate resources more effectively, prioritizing areas with higher accident rates.

**Public Awareness:** Sharing findings from the model can increase public awareness about driving safety and encourage safer behaviors.