

# ODOMETRY

*Meaning: Odometry is the measurement of a vehicle's or robot's distance traveled and position estimation based on sensor data.*

1. Odometry is crucial for determining the position of a robot as it navigates through an environment.
2. The researchers improved the accuracy of the odometry system by incorporating advanced sensor technology.
3. In autonomous vehicles, reliable odometry helps ensure safe and efficient navigation on city streets.
4. Understanding odometry is essential for engineers working on mobile mapping applications.
5. The accuracy of odometry can be affected by various factors, including wheel slippage and terrain changes.

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*Source: [sentences.whatistheurl.com](https://sentences.whatistheurl.com)*

*<https://sentences.whatistheurl.com/sentence/odometry>*