

# Adjacency Graph

- **Why Important:**

- Understanding how **vertices, edges, and faces** are connected is key for **mesh traversal** and **editing tools**.

- **Learn To:**

- Identify neighboring vertices or faces (Adjacency Graph).
- Optimize for loops like **edge traversal, normal calculation, or smoothing**.

## **Example Use Cases:**

- Finding connected edges for a bevel tool.
- Building edge loops for mesh simplification.