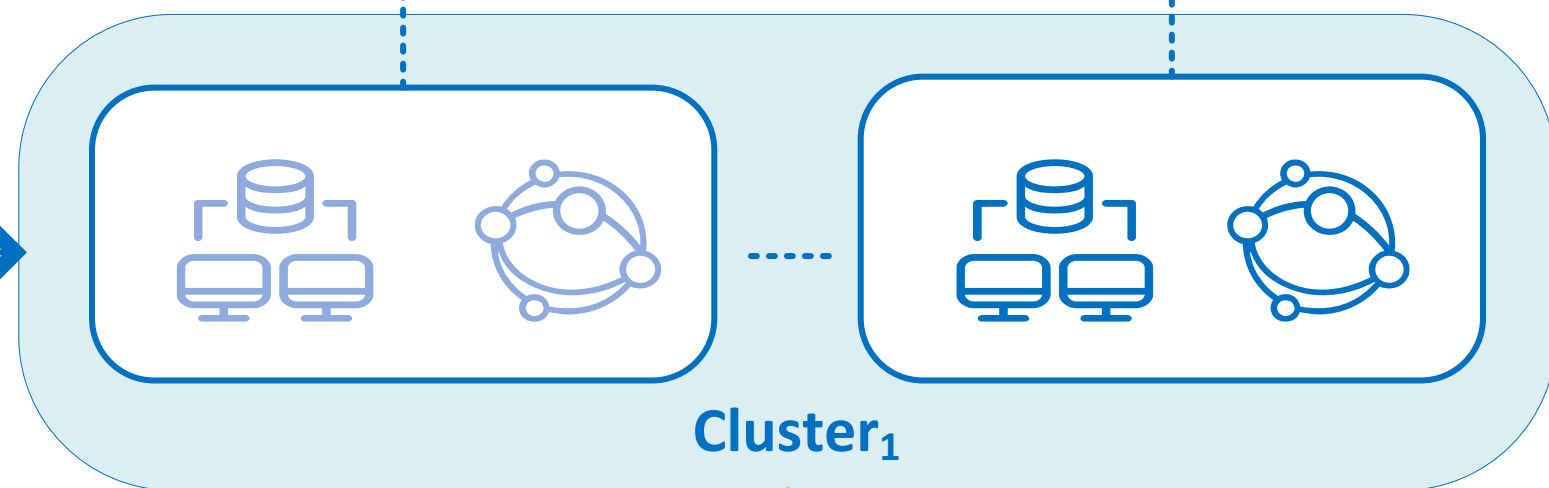
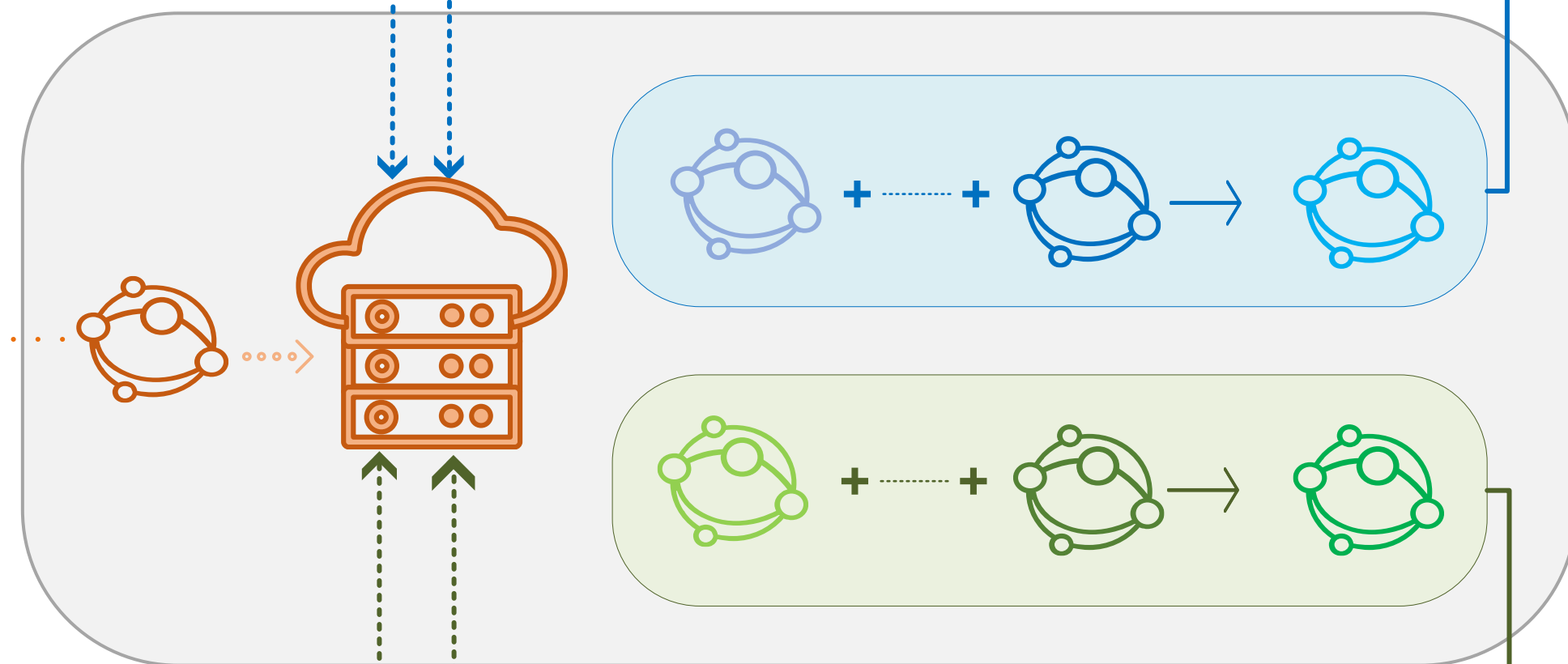


6. Global updated models are broadcasted back to their respective clusters

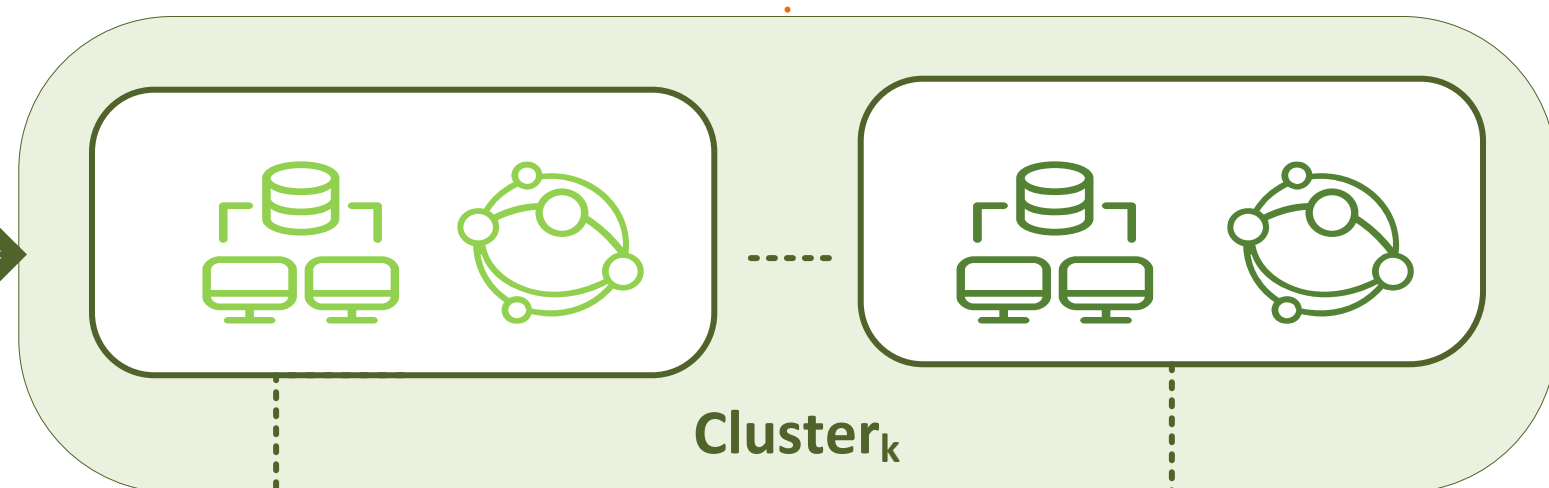


1. Charging stations are clustered based on their size and performance

2. Global model is initialized and distributed to the charging stations by the server



5. Cluster-specific Models are aggregated on the server



3. Each charging station receives the initial global model and trains on its own local data

4. Local cluster-specific updates are sent back to the server for aggregation