**📋 Sales Tracking DB Relationship Cheat Sheet**

**1. salespeople**

* **Fields:** id, name, employee\_id, etc.
* **Relations:**
  + One salesperson → Many salesentry
  + One salesperson → Many target\_allocations

**2. products**

* **Fields:** id, sku, name, brand, etc.
* **Relations:**
  + One product → Many salesentry
  + One product → Many target\_campaign\_products

**3. salesentry**

* **Fields:** id, salesperson\_id, product\_id, date, quantity, unit\_type
* **Relations:**
  + Belongs to a salesperson
  + Belongs to a product

**4. target\_campaigns**

* **Fields:** id, name, brand, start\_date, end\_date, is\_active
* **Relations:**
  + One campaign → Many target\_allocations
  + One campaign → Many target\_tiers
  + One campaign → Many target\_campaign\_products

**5. target\_campaign\_products**

* **Fields:** id, campaign\_id, product\_id
* **Relations:**
  + Links many products to one campaign

**6. target\_allocations**

* **Fields:** id, campaign\_id, salesperson\_id, target\_quantity, base\_reward
* **Relations:**
  + One allocation → One campaign + One salesperson

**7. target\_tiers**

* **Fields:** id, campaign\_id, min\_quantity, multiplier, reward\_per\_unit, notes
* **Relations:**
  + One campaign → Many tiers
  + Each tier is only linked to one campaign

**💡 Summary of Key One-to-Many Relationships:**

* target\_campaigns.id → many target\_allocations.campaign\_id
* target\_campaigns.id → many target\_tiers.campaign\_id
* target\_campaigns.id → many target\_campaign\_products.campaign\_id
* salespeople.id → many target\_allocations.salesperson\_id
* products.id → many target\_campaign\_products.product\_id and salesentry.product\_id