Static tables:

1. sku\_list – List of SKUs with product attributes
   1. id
   2. sku
   3. description
   4. brand
   5. sz1
   6. sz2
   7. sz3
   8. attr1
   9. attr2
   10. attr3
   11. procedure
   12. component\_type
2. surg\_list – List of available surgeons
   1. id
   2. name
   3. hospital
   4. city
   5. state
3. fac\_list – List of available facilities/hospitals
   1. id
   2. name
   3. city
   4. state
4. surg\_fac\_list – Linking table of surgeons/facilities. Surgeons may operate at one or more facilities.
   1. id
   2. surg\_id
   3. fac\_id
5. rep\_list – Sales rep information
   1. id
   2. name
   3. distributor
   4. address
   5. city
   6. state

Data tables:

1. emr\_data – Basic information regarding patient demographics
   1. patient\_id
   2. age
   3. gender
   4. bmi
   5. smoker
   6. diabetic
   7. alcoholic
2. activity\_data – Garmin Vivofit output. Focus on number of steps and seconds sleeping.
   1. id
   2. patient\_id
   3. date
   4. sleep\_secs 🡪 number of seconds asleep per day
   5. steps 🡪 number of steps per day
3. simulated\_case\_data – Information on surgical intervention, including surgeon, rep and implant construct
   1. case\_id
   2. patient\_id
   3. date
   4. procedure
   5. comp1
   6. comp2
   7. comp3
   8. comp4
   9. outcome\_grp
   10. surg\_id
   11. rep\_id
4. ecp
   1. id
   2. case\_id
   3. date
   4. inc\_target
   5. ver\_target
   6. twist\_target
   7. inc\_value
   8. ver\_value
   9. twist\_value
5. est – Initial and final flexion and extension can be calculated from the 8 sensor values
   1. id
   2. case\_id
   3. date
   4. state
   5. f1
   6. f2
   7. f3
   8. f4
   9. f5
   10. f6
   11. f7
   12. f8
6. est\_rom – Range of motion data for each eST surgery… Simulated 500 data points per ROM test.
   1. id
   2. case\_id
   3. date
   4. state
   5. f1
   6. f2
   7. f3
   8. f4
   9. f5
   10. f6
   11. f7
   12. f8
7. global\_health\_survey – Results from global health survey (90 days pre-op & 90 days post-op) for all patients.
   1. id
   2. patient\_id
   3. date
   4. q1
   5. q2
   6. q3
   7. q4
   8. q5
8. hoos – Results from HOOS survey (90 days pre-op & 90 days post-op) for hip **only**
   1. id
   2. patient\_id
   3. date
   4. q1
   5. q2
   6. q3
   7. q4
   8. q5
9. koos – Results from HOOS survey (90 days pre-op & 90 days post-op) for knee **only**
   1. id
   2. patient\_id
   3. date
   4. q1
   5. q2
   6. q3
   7. q4
   8. q5