**1️⃣ Radar Table Scenarios**

**SQL Logic:**

WHERE

UPPER(status) IN ('AGREEMENT', 'PENDING\_RENEWAL')

OR UPPER(IFNULL(source, 'WEB')) IN ('CTM', 'MSM', 'WEB', 'GC', 'CNF')

**Front-End Scenarios to Create in Athena Demo:**

* Create **quotes or policies** with status:
  + **AGREEMENT** (policy confirmed and active)
  + **PENDING\_RENEWAL** (policy due for renewal soon)
* Create quotes from **various aggregator or web sources**:
  + **CTM** (Compare The Market)
  + **MSM** (Money SuperMarket)
  + **WEB** (direct website)
  + **GC** (GoCompare)
  + **CNF** (Confused.com)

✅ *Purpose:* To ensure coverage for both direct and aggregator-sourced quotes in “agreement” and “renewal pending” states.

**2️⃣ Factors Table Scenarios**

**SQL Logic:**

DATEDIFF(updatedOn, factors.inceptionDate)/365 < 1

AND (

UPPER(status) = 'AGREEMENT' AND UPPER(process) NOT IN ('RENEWAL','RENEWALMTA')

OR (UPPER(IFNULL(source, 'WEB')) IN ('CTM','MSM','WEB','GC','CNF')

AND UPPER(status) = 'DECLINE'

AND UPPER(process) NOT IN ('RENEWAL','RENEWALMTA'))

)

**Front-End Scenarios:**

* Create **new business or mid-term quotes (MTA)** less than **1 year old** (within the policy cycle).
* **Scenario A:** Policy **status = AGREEMENT**, but **not** part of renewal process.
* **Scenario B:** Policy **status = DECLINED**, from an aggregator (CTM, MSM, etc.), but not in renewal process.
* Ensure process = NB / MTA (not RENEWAL or RENEWALMTA).

✅ *Purpose:* To validate active and declined quotes within first policy year, outside of renewal flows.

**3️⃣ Factors\_Renewals Table Scenarios**

**SQL Logic:**

WHERE

UPPER(status) = 'PENDING\_RENEWAL'

OR (

NOT DATEDIFF(updatedOn, factors.inceptionDate)/365 < 1

AND UPPER(status) IN ('AGREEMENT','UNDERWRITING\_FAILURE')

)

OR (

process = 'mtcLV' AND cancellationReasonCode = 'LAPSED'

)

**Front-End Scenarios:**

* **Scenario A:** Create policies with **status = PENDING\_RENEWAL** (renewal invite sent but not confirmed).
* **Scenario B:** Policies older than 1 year (> 365 days) with:
  + **status = AGREEMENT** (still active)
  + **status = UNDERWRITING\_FAILURE** (failed underwriting at renewal)
* **Scenario C:** MTA cancellation case:
  + process = mtcLV and cancellationReasonCode = LAPSED (policy lapsed before renewal).

✅ *Purpose:* To ensure coverage for renewal pending, lapsed, and expired scenarios across quote lifecycle.