Database

Storage Plan:

* Historical ***Unusual Whales*** alerts (Retrieved from ***Unusual Whales*** website – analytics)
  + Parsed
* Realtime ***Unusual Whales*** alerts (Raw data copied from ***Unusual Whales*** website – alerts)
  + Parsed
* Rating data
  + Data created when opted to rate excel sheet

Implementation

Tables:

* historical (Retrieved from ***Unusual Whales*** website – analytics)
  + ticker - string
  + option\_type – CALL or PUT
  + alerted\_at
  + day\_of\_week – MONDAY, TUESDAY, WEDNESDAY, THURSDAY, or FRIDAY
  + time\_of\_day
  + expiry
  + days\_to\_exp
  + strike
  + underlying
  + diff
  + volume
  + open\_interest
  + vol\_oi
  + implied\_volatility
  + delta
  + gamma
  + vega
  + theta
  + rho
  + alert\_ask
  + highest\_ask
  + p\_l
  + time\_passed
* alerts (Raw data copied from ***Unusual Whales*** website – alerts)
  + ticker
  + option\_type – CALL or PUT
  + alerted\_at
  + day\_of\_week – MONDAY, TUESDAY, WEDNESDAY, THURSDAY, or FRIDAY
  + time\_of\_day
  + expiry
  + days\_to\_exp
  + strike
  + underlying
  + diff
  + volume
  + open\_interest
  + vol\_oi
  + implied\_volatility
  + delta
  + gamma
  + vega
  + theta
  + rho
  + alert\_ask
* ratings (datapoints)
  + tag
    - Day of Week, Time of Day, Days to Expl. Diff %, etc.
  + rating
    - Bad, Okay, Good, Best
  + datapoint
    - The actual datapoint of Day of Week, Time of Day, etc.
* ratings (ranges)
  + tag
    - Day of Week, Time of Day, Days to Expl. Diff %, etc.
  + rating
    - Bad, Okay, Good, Best
  + datarange
    - The actual range of Day of Week, Time of Day, etc.