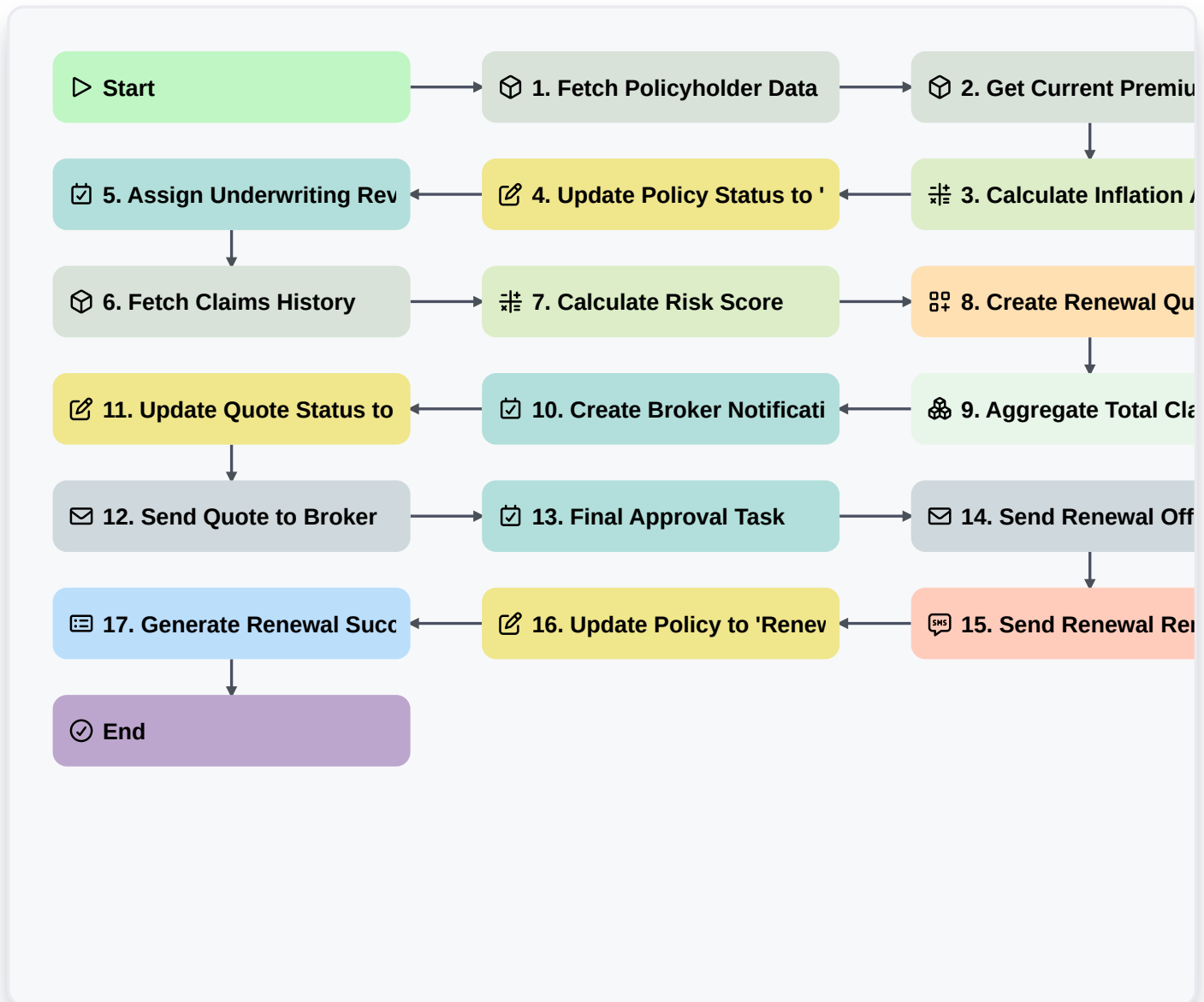


Insurance Renewal Quote Automation



▷ Start

Start of the Workflow/Process.

📦 1. Fetch Policyholder Data

Retrieve existing client information and current policy details from the Client Data Model.

📦 2. Get Current Premium Data

Retrieve the expiring policy's premium amount and coverage limits to use as a baseline.

📊 3. Calculate Inflation Adjustment

Apply an annual inflation percentage to the previous year's premium to estimate the new base rate.

✍️ 4. Update Policy Status to 'Renewal Pending'

Update the existing policy entry status to indicate that the renewal process has been triggered.

📅 5. Assign Underwriting Review

Create a task for the Underwriting Team to review any changes in risk profile or claims history.

📦 6. Fetch Claims History

Retrieve all claims entries associated with the client's ID for the last 3 years.



7. Calculate Risk Score

Execute a formula weighing claims frequency and severity against the client's profile.

8. Create Renewal Quote Entry

Generate a new entry in the Quotes Data Model containing the newly calculated premium and terms.

9. Aggregate Total Claims Cost

Sum the 'Claim Amount' property from all retrieved claims entries to determine total loss impact.

10. Create Broker Notification Task

Create a task for the assigned Broker to review the generated quote before sending to the client.

11. Update Quote Status to 'Ready for Review'

Update the newly created Quote entry to the 'Ready for Review' status.

12. Send Quote to Broker

Email the summary of the new renewal quote and the risk score to the assigned Broker.

13. Final Approval Task

Create a task for the Senior Manager if the calculated premium exceeds a specific threshold.

14. Send Renewal Offer to Client

Send the finalized renewal quote and payment instructions to the client's email address.

15. Send Renewal Reminder SMS

Send a brief SMS notification to the client informing them that their renewal quote is ready.

16. Update Policy to 'Renewed'

Once the client accepts, update the original Policy entry status to 'Renewed'.

17. Generate Renewal Success Report

Create a monthly report summarizing the conversion rate of renewal quotes to active policies.

End

End of the Workflow/Process.