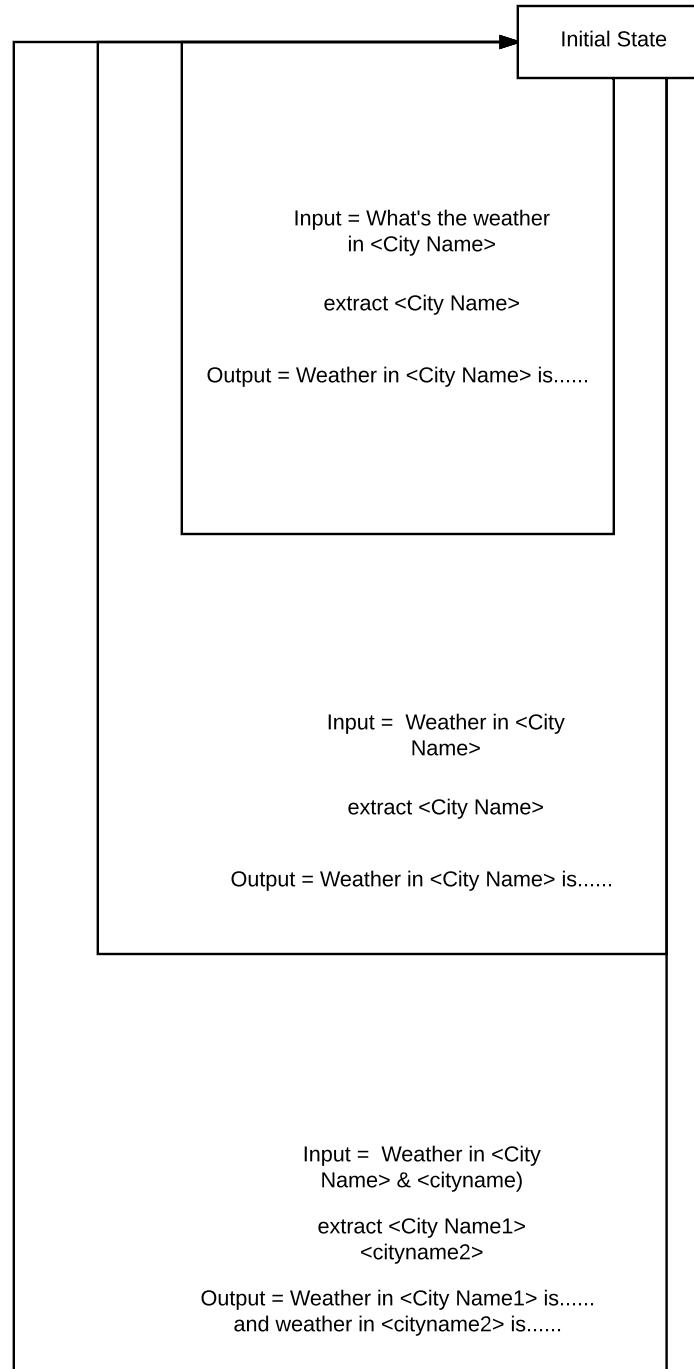


Corpus

Whats the weather in SF?
Weather in SF?
Weather in SF and Oakland?
What is the weather outside?
What is the weather forecast?
Predict weather
Is the weather same as yesterday?
Is the weather sunny?
Is the weather cold and rainy?
What is the weather in SF?
Hows the weather outside?
Whether or not should I take my jacket?
Whether or not should I take an umbrella?
Whether or not will it rain tomorrow?
Whether or not will the car be repaired?
Whether we go or not depends on the weather?
Whether the car will be ready depends on the mechanic?
What is wether? //wether is a male sheep
I am feeling under the weather
Weather is wearing me down

Rules 1



Analyse 1

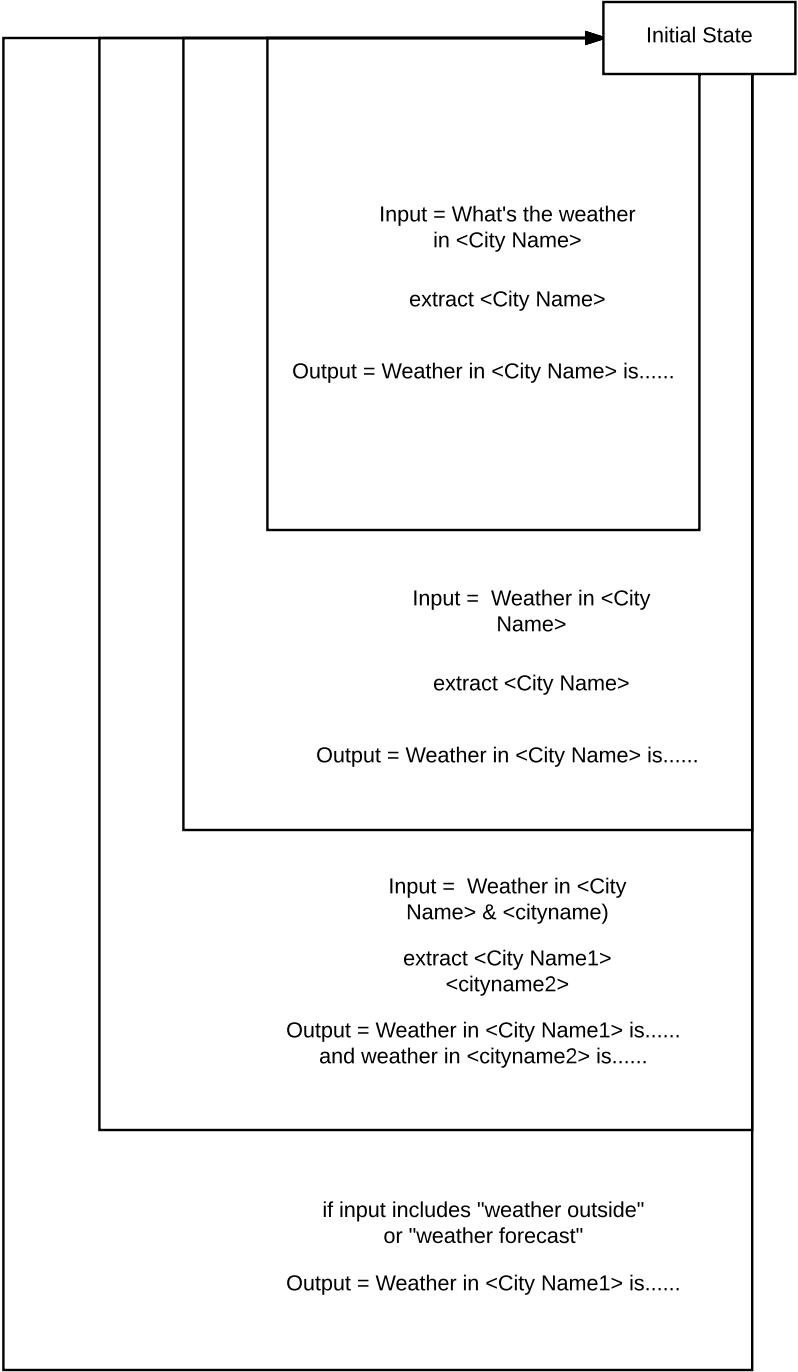
Chatbot Performance	Ground Truth	Corpus	Utterance
+	+	Whats the weather in SF?	Weather in SF is.....
+	+	Weather in SF?	Weather in SF is.....
+	+	Weather in SF and Oakland?	Weather in SF is..... and Oakland is
-	+	What is the weather outside?	I do not understand
-	+	What is the weather forecast?	I do not understand
-	+	Predict weather	I do not understand
-	+	Is the weather same as yesterday?	I do not understand
-	+	Is the weather sunny?	I do not understand
-	+	Is the weather cold and rainy?	I do not understand
+	+	What is the weather in SF?	Weather in SF is.....
-	+	Hows the weather outside?	I do not understand
-	+	Whether or not should I take my jacket?	I do not understand
-	+	Whether or not should I take an umbrella?	I do not understand
-	+	Whether or not will it rain tomorrow?	I do not understand
-	-	Whether or not will the car be repaired?	I do not understand
-	+	Whether we go or not depends on the weather?	I do not understand
-	-	Whether the car will be ready depends on the mechanic?	I do not understand
-	-	What is wether? //wether is a male sheep	I do not understand
-	-	I am feeling under the weather	I do not understand
-	-	Weather is wearing me down	I do not understand

True Positives 3
False Positives 0

True Negatives 5
False Negatives 11

Precision - $3/3+0 = 1$
Recall - $3/3+11 = 3/14$

Rules 2



Analyse 2

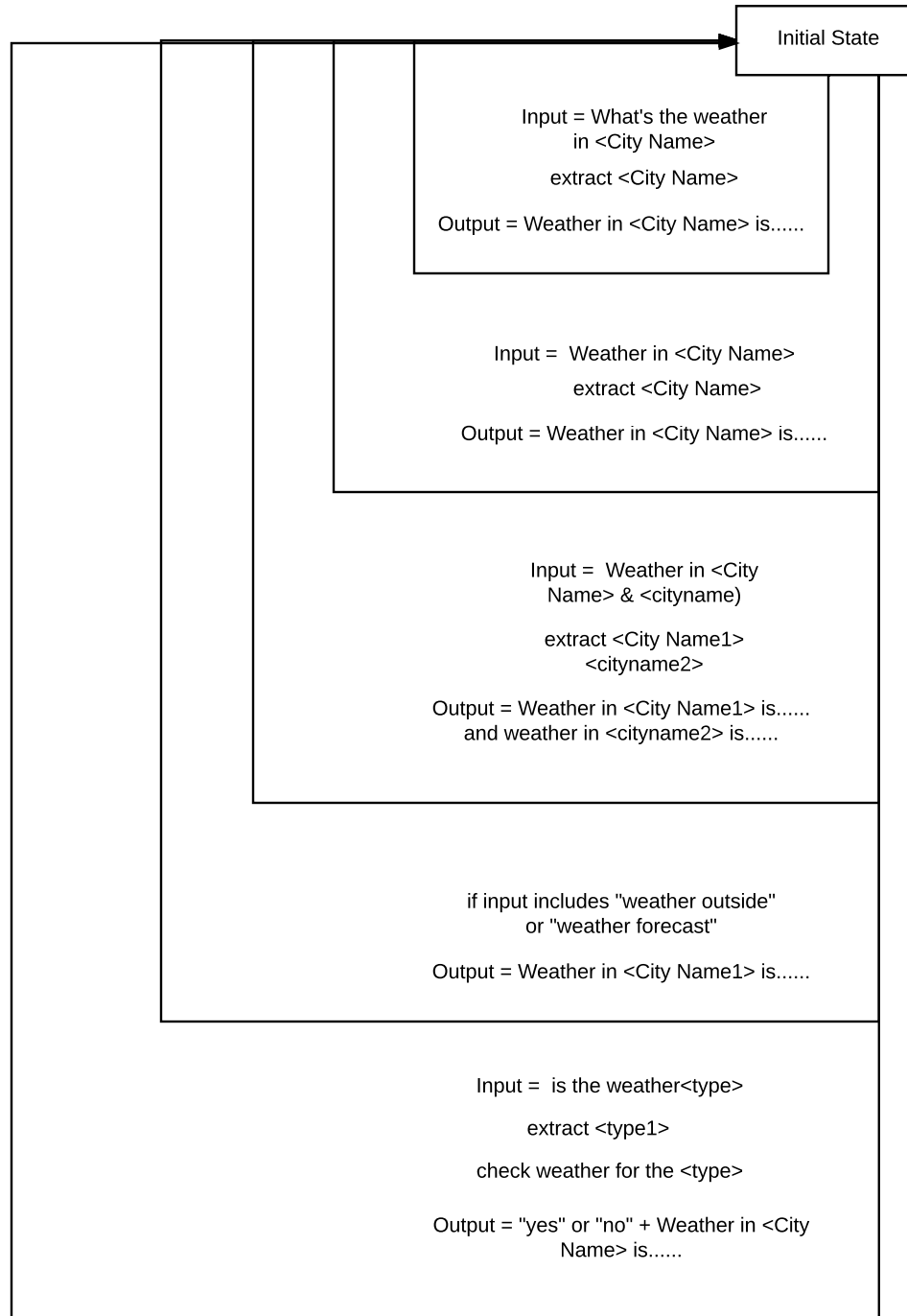
Chatbot Performance	Ground Truth	Corpus	Utterance
+	+	Whats the weather in SF?	Weather in SF is.....
+	+	Weather in SF?	Weather in SF is.....
+	+	Weather in SF and Oakland?	Weather in SF is..... and Oakland is
+	+	What is the weather outside?	I do not understand
+	+	What is the weather forecast?	I do not understand
-	+	Predict weather	I do not understand
-	+	Is the weather same as yesterday?	I do not understand
-	+	Is the weather sunny?	I do not understand
-	+	Is the weather cold and rainy?	I do not understand
+	+	What is the weather in SF?	Weather in SF is.....
+	+	Hows the weather outside?	I do not understand
-	+	Whether or not should I take my jacket?	I do not understand
-	+	Whether or not should I take an umbrella?	I do not understand
-	+	Whether or not will it rain tomorrow?	I do not understand
-	-	Whether or not will the car be repaired?	I do not understand
-	+	Whether we go or not depends on the weather?	I do not understand
-	-	Whether the car will be ready depends on the mechanic?	I do not understand
-	-	What is wether? //wether is a male sheep	I do not understand
-	-	I am feeling under the weather	I do not understand
-	-	Weather is wearing me down	I do not understand

True Positives 7
False Positives 0

True Negatives 5
False Negatives 8

Precision - $7/7+0 = 1$
Recall - $7/7+8 = 7/15$

Rules 3



Analyse 3

Chatbot Performance	Ground Truth	Corpus	Utterance
+	+	Whats the weather in SF?	Weather in SF is.....
+	+	Weather in SF?	Weather in SF is.....
+	+	Weather in SF and Oakland?	Weather in SF is..... and Oakland is
+	+	What is the weather outside?	I do not understand
+	+	What is the weather forecast?	I do not understand
-	+	Predict weather	I do not understand
-	+	Is the weather same as yesterday?	I do not understand
+	+	Is the weather sunny?	I do not understand
-	+	Is the weather cold and rainy?	I do not understand
+	+	What is the weather in SF?	Weather in SF is.....
+	+	Hows the weather outside?	I do not understand
-	+	Whether or not should I take my jacket?	I do not understand
-	+	Whether or not should I take an umbrella?	I do not understand
-	+	Whether or not will it rain tomorrow?	I do not understand
-	-	Whether or not will the car be repaired?	I do not understand
-	+	Whether we go or not depends on the weather?	I do not understand
-	-	Whether the car will be ready depends on the mechanic?	I do not understand
-	-	What is wether? //wether is a male sheep	I do not understand
-	-	I am feeling under the weather	I do not understand
-	-	Weather is wearing me down	I do not understand

True Positives 8
False Positives 0

True Negatives 5
False Negatives 7

Precision - $8/8+0 = 1$
Recall - $8/8+7 = 8/15$

...

Which chatbot will I pick?

I will pick the third chatbot, it has minimum amount of errors.