AI Task Assignment in Translation

```python
__author__ = "Rafel"
__author__ = "Stanislav"
__author__ = "Gerzon"
__author__ = "Hermes"
__author__ = "Biel"
```

Our Team Capabilities

Technical Expertise

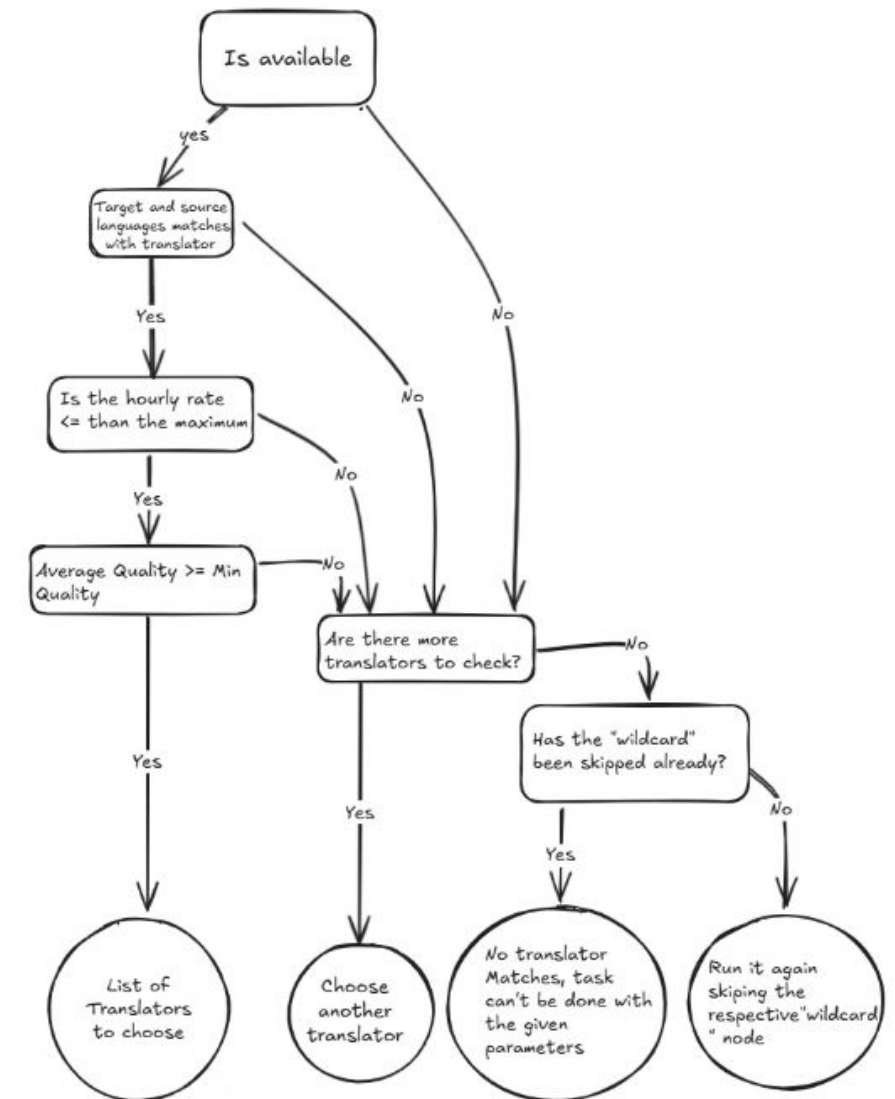ML model optimization, algorithm design

Linguistic Knowledge

Multiple language proficiency, cultural nuance

Collaborative Approach

Agile workflow, cross-functional teams

Project Workflow

Input Data:
    Start time
    Deadline
    Source Lang
    Target Lang
    Task Type
    Max Hourly Rate
    Translator Hourly Rate5
    Min Quality
    Translator Quality -> Average between translators past works

Is available

yes

No

Target and source languages matches with translator

Yes

No

Is the hourly rate <= than the maximum

Yes

No

Average Quality >= Min Quality

No

Yes

Are there more translators to check?

No

Yes

Has the "wildcard" been skipped already?

Yes

No

List of Translators to choose

Choose another translator

No translator Matches, task can't be done with the given parameters

Run it again skiping the respective "wildcard" node

Input Processing

Please insert the Job list
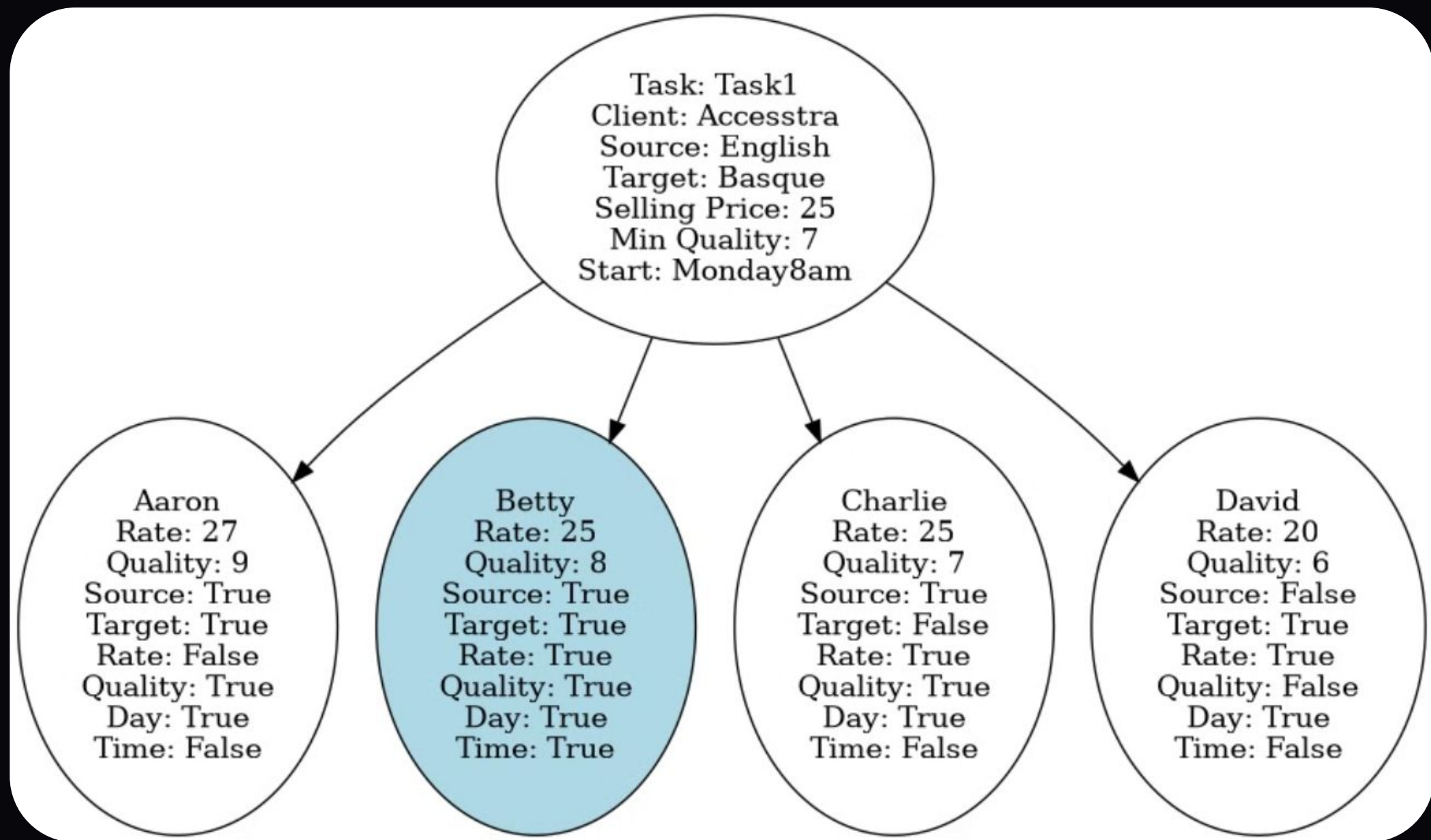
Output Generation

Please insert the Job list

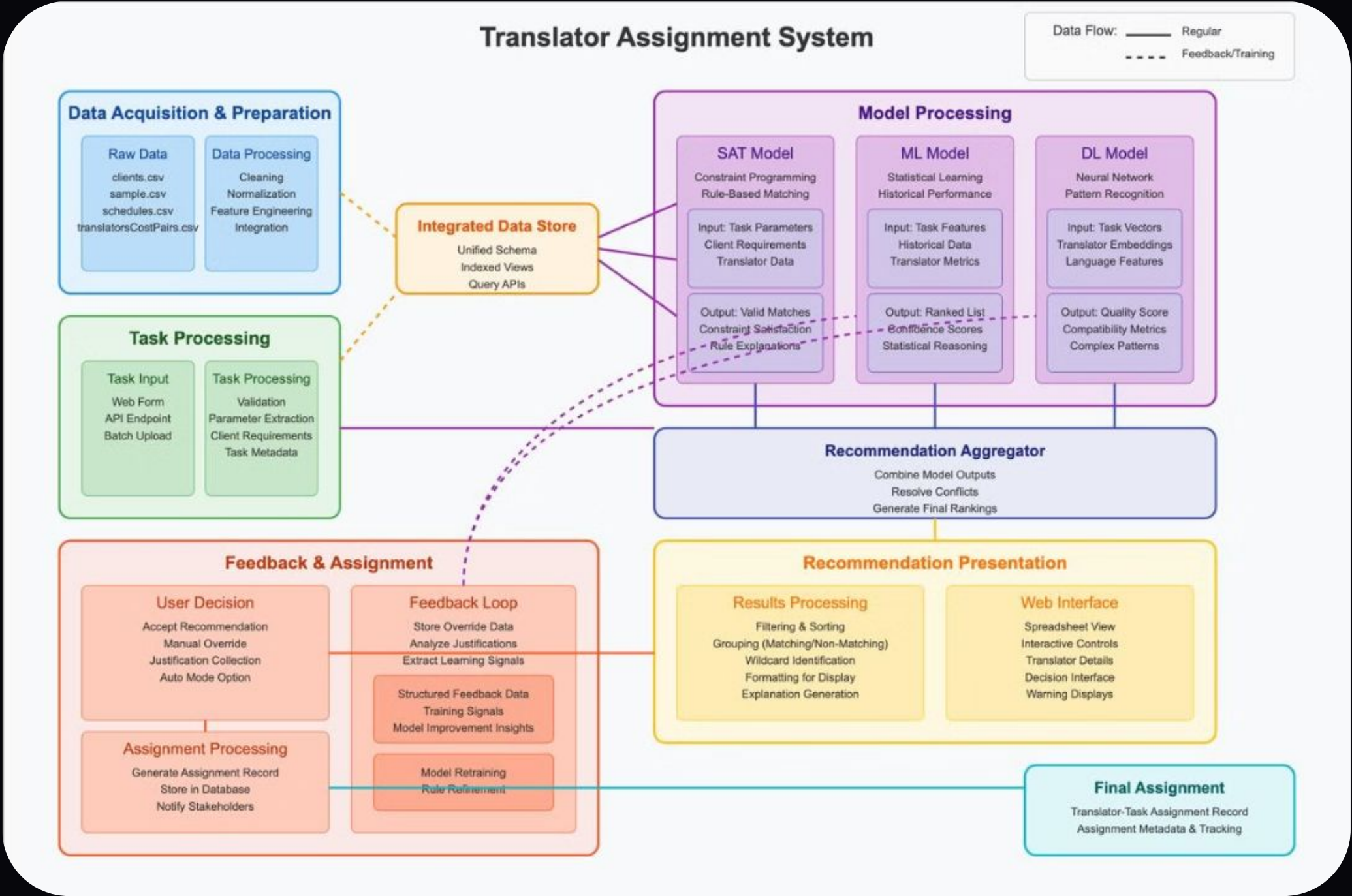| Task Id	Manufacturer	Translator Name	Hourly Cost (€)	Source Language	Translation Language	Minimum Quality (1-10)	Deadline
123562	FrontierTech	Alice Martin	25	English	French	8	2025-03-20
127334	FrontierTech	Carlos Pérez	30	Spanish	English	9	2025-03-22
136023	FrontierTech	Mei Zhang	28	Chinese	German	7	2025-03-18
207345	FrontierTech	Ahmed Hassan	35	Arabic	French	9	2025-03-25
207367	TrueConnect	Sophie Dubois	27	French	Spanish	8	2025-03-19
207408	TrueConnect	Liam O'Connor	32	English	Italian	10	2025-03-23
207421	TrueConnect	Julia Novak	26	German	English	7	2025-03-21
207430	DesarrolloYa	Raj Patel	24	Hindi	English	6	2025-03-17
207455	DesarrolloYa	Tomás Silva	29	Portuguese	English	8	2025-03-24
207471	EcoSolar	Elena Rossi	31	Italian	French	9	2025-03-26

Expand ...

SAT Example: Source Text

Task: Task1
Client: Accesstra
Source: English
Target: Basque
Selling Price: 25
Min Quality: 7
Start: Monday8am

Aaron
Rate: 27
Quality: 9
Source: True
Target: True
Rate: False
Quality: True
Day: True
Time: False

Betty
Rate: 25
Quality: 8
Source: True
Target: True
Rate: True
Quality: True
Day: True
Time: True

Charlie
Rate: 25
Quality: 7
Source: True
Target: False
Rate: True
Quality: True
Day: True
Time: False

David
Rate: 20
Quality: 6
Source: False
Target: True
Rate: True
Quality: False
Day: True
Time: False

Ideal Development Plan

Translator Assignment System

Project Planning Considerations

Task Duration
Based on word count and complexity

Data Format
CSV/JSON input/output

1

2

4

3

Input and Output
Manual input/output?

Expert Review