

Hand-Coded Rules for Text Classification

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Review 1: The food is bad and the service is horrible. Would not recommend anyone to go there. Not that great of an experience.

Review 2: Love the delicious food served here and the service is also great. Not bad at all!

Hand-Coded Rules for Text Classification

Negative words:

[no, not, bad, horrible, disgusting, terrible, pathetic, hate, tasteless]

Positive words:

[yes, good, delicious, amazing, friendly, great, happy, love]

Hand-Coded Rules for Text Classification

Review 1: The food is **bad** and the service is **horrible**. Would **not** recommend anyone to go there. **Not** that **great** of an experience.

Review 2: **Love** the **delicious** food served here and the service is also **great**. **Not bad** at all!

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Review	Negative Words	Positive Words
The food is bad and the service is horrible . Would not recommend anyone to go there. Not that great of an experience.	4	1
Love the delicious food served here and the service is also great . Not bad at all!	2	3

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Review 1: The food **is bad** and the service is horrible. Would **not recommend** anyone to go there. Not that great of an experience.

Review 2: Love the delicious food served here and the service is **also great**. **Not bad** at all!

Review 3: The food is **not good**.

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Negative words:

[not good, not appreciated, not delicious, not recommended, is bad, do not, is not]

Positive words:

[not bad, very good, do visit, do try, simply amazing, absolutely delicious]

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Review 1: The food **is bad** and the service is horrible. Would **not recommend** anyone to go there. Not that great of an experience.

Review 2: Love the delicious food served here and the service is also great. **Not bad** at all!

Review 3: The food is **not good**.

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Review	Negative Phrases	Positive Phrases
The food is bad and the service is horrible. Would not recommend anyone to go there. Not that great of an experience.	2	0
Love the delicious food served here and the service is also great. Not bad at all!	0	1
The food is not good	1	0

Advantages of Hand-Coded Rules for Text Classification



Advantages of Hand-Coded Rules for Text Classification

- Rules are based on domain knowledge



Advantages of Hand-Coded Rules for Text Classification

- Rules are based on domain knowledge
- Model is simple to interpret



Disadvantages of Hand-Coded Rules for Text Classification



Disadvantages of Hand-Coded Rules for Text Classification

- Domain knowledge required



Disadvantages of Hand-Coded Rules for Text Classification

- Domain knowledge required
- Lot of manual work required



Disadvantages of Hand-Coded Rules for Text Classification

- Domain knowledge required
- Lot of manual work required
- Non-exhaustive rules



Disadvantages of Hand-Coded Rules for Text Classification

- Domain knowledge required
- Lot of manual work required
- Non-exhaustive rules
- Rules cannot be generalised

 Analytics
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Thank you