

# Wikipedia Article Quality Analyzer

Python License

**Wikipedia Article Quality Analyzer** is a Python script that analyzes the quality of Wikipedia articles and provides a detailed assessment including strengths, weaknesses, and improvement recommendations.

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## Features

- Analyze article quality based on:
  - Article length
  - Structure and number of sections
  - Number of references
  - Presence of images/media
  - Neutrality and promotional language
  - Assigns points for each criterion and calculates a **final score out of 100**.
  - Provides recommendations for improvement or potential **Featured Article** status.
  - Supports all Wikipedia languages via language codes.
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## Requirements

- Python 3.x
- `requests` library:

```
pip install requests
```



## Usage

1. Run the script:

```
python wiki_analyzer.py
```

1. Enter the article title:

```
Enter article title: Morocco
```

1. Enter Wikipedia language code (or leave blank for English):

```
Enter Wikipedia language code (en, ar, fr, es...): en
```

1. Results will display in the console:

```
=====
📄 Article Title : Morocco
🌐 Language      : en
📊 Final Score   : 75 / 100
📝 Recommendation: Good article, needs improvements
```

#### 🔗 Strengths:

- Sufficient article length
- Well-structured with multiple sections
- Well-referenced with reliable sources
- Includes illustrative media

#### 💡 Weaknesses:

- Potential promotional language: best, greatest, most famous, unique



## Notes

- The script can be extended to:
- Generate PDF reports for each article
- Analyze multiple articles in batch
- Improve promotional language detection using NLP
- Supports all Wikipedia languages via language code.



## Suggested Project Structure

```
wiki_analyzer/
├── wiki_analyzer.py
├── README.md
└── requirements.txt
```

- `wiki_analyzer.py` → main script
- `README.md` → this file
- `requirements.txt` → contains:

```
requests
```



## Batch Analysis Example (Future Enhancement)

The script can be enhanced to analyze multiple articles at once:

Enter article titles (comma-separated): Morocco, France, Artificial Intelligence

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