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<> Code

Issues

Pull requests

Actions

Projects

Wiki

Security

Insights

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0 forks

1 watching

Branches

Activity

Tags

Public repository

1 Branch

0 Tags

Go to file






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+

Add file

Code

	Update README.md	6b32e4c · now	
	README.md	Update README.md	now
	app.py	Add files via upload	8 minutes ago
	students.yaml	Add files via upload	8 minutes ago

README

Overview

This project demonstrates how to use YAML files in Python to store and retrieve structured data. The application reads student information from a YAML file and provides functionality to display and filter the data based on GPA.

Prerequisites pip install pyyaml

Ensure you have Python installed on your system. You also need to install the PyYAML package:

├── students.yaml # YAML file containing student data

├── app.py # Python script to process the data

└── README.md # Project documentation

Expected Output

All Students: Name: Alice, Age: 21, Major: Computer Science, GPA: 3.8 Name: Bob, Age: 22, Major: Mathematics, GPA: 3.5 Name: Charlie, Age: 20, Major: Physics, GPA: 3.9 Name: David, Age: 23, Major: Chemistry, GPA: 3.2 Name: Eva, Age: 21, Major: Computer Science, GPA: 3.7

Enter minimum GPA to filter students: 3.6

Students with GPA >= 3.6: Name: Alice, Age: 21, Major: Computer Science, GPA: 3.8 Name: Charlie, Age: 20, Major: Physics, GPA: 3.9 Name: Eva, Age: 21, Major: Computer Science, GPA: 3.7



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- Python 100.0%

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Python application

Configure

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