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#CodeTidbit1

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Cerberus is a Python validation library that provides powerful yet simple and lightweight data validation functionality.




All you need to do is define a schema and validate your post request payload against it.

#100DaysOfCode #Python



```
1 schema = {
2     "name": {"type": "string", "required": True},
3     "age": {"type": "integer", "nullable": False, "coerce": int, "min": 18},
4     "email": {
5         "type": "string",
6         "minlength": 8,
7         "maxlength": 255,
8         "required": True,
9         "regex": "^[a-zA-Z0-9_+-.]+@[a-zA-Z0-9-]+\.[a-zA-Z0-9-]+$",
10    },
11 }
12
13 document = {"name": "Tanmay", "age": 22, "email": "xyz@gmail.com"}
```

```
1 from cerberus import Validator
2
3 validator = Validator(schema=schema, allow_unknown=True)
4
5 if validator.validate(document):
6     print("Valid payload")
7 else:
8     print(validator.errors)
```

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You can add various validation rules for the fields.

Even regex expressions can be used to validate data inside your fields which is very powerful.

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All errors together are appended in a python dictionary which points out exactly at what place and why an error occurred.

The above code snippet prints "Valid Payload".

Check out the documentation: <https://t.co/R0Pz5GSxil>