

POST /predict_item Predict Item

Parameters

CancelReset

No parameters

Request body required

application/json

```
{
  "name": "Maruti Swift Dairo VDI",
  "year": 2015,
  "selling_price": 440000,
  "km_driven": 2000,
  "fuel": "Petrol",
  "seller_type": "Individual",
  "transmission": "Manual",
  "owner": "First Owner",
  "mileage": "23.01 kmpl",
  "engine": "1006 CC",
  "max_power": "110 hp",
  "torque": "91Nm@ 4250rpm",
  "seats": 2
}
```

ExecuteClear

Request URL

http://127.0.0.1:8000/predict_item

Server response

Code	Details
------	---------

200

Response body

```
{
  "prediction": -199688.44726279425
}
```

 Download

Response headers

```
content-length: 34
content-type: application/json
date: Wed, 04 Dec 2024 14:26:31 GMT
server: uvicorn
```

Responses		
Code	Description	Links
200	<div>Successful Response</div> <div>Media type: <div>application/json</div><div>Controls Accept header.</div><div>Example Value Schema</div><div>"string"</div></div>	No links

default

POST

/predict_item

Predict Item

^

POST

/predict_items

Predict Items

^

Parameters

Cancel

Reset

No parameters

Request body

required

multipart/form-data

^

file

*

required

string(\$binary)

Choose File

test.csv

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://127.0.0.1:8000/predict_items' \
  -H 'accept: application/json' \
  -H 'Content-Type: multipart/form-data' \
  -F 'file@test.csv;type=text/csv'
```

Request URL

```
http://127.0.0.1:8000/predict_items
```

Server response

CodeDetails

200

Response body

[Download file](#)

Response headers

```
content-disposition: attachment; filename=result.csv
content-type: text/csv; charset=utf-8
date: Thu, 05 Dec 2024 14:05:29 GMT
server: uvicorn
transfer-encoding: chunked
```

Responses

Code	Description	Links
200	Successful Response	No links
<div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div>		

File Edit Selection View Go Run Terminal Help

EXPLORER

- FASATAPI_ML
 - __pycache__
 - app.py
 - model.pkl
 - model.py
 - test.csv

model.py

```
107 async def predict_items(file: UploadFile = File(...)):
108     content = await file.read()
109     df = pd.read_csv(io.BytesIO(content))
110     processed_df = process_attrs(df)
111     res = model_lasso_items(processed_df)
112     df['prediction'] = res
113     print(df)
114
115     stream = io.StringIO()
116     df.to_csv(stream, index=False)
```

TERMINAL

```
INFO: 127.0.0.1:5857 - "GET /docs HTTP/1.1" 200 OK
INFO: 127.0.0.1:5857 - "GET /openapi.json HTTP/1.1" 200 OK
```

	name	year	selling price	km_driven	fuel	...	engine	max_power		torque	seats	prediction
0	Mahindra Xylo E4 BS IV	2010	229999	168000	Diesel	...	2498.0	112.00	260 Nm at 1800-2200 rpm	7.0	619792.499180	
1	Tata Nexon 1.5 Revotorq XE	2017	665000	25000	Diesel	...	1497.0	108.50	260Nm@ 1500-2750rpm	5.0	873174.367065	
2	Honda Civic 1.8 S AT	2007	175000	218463	Petrol	...	1799.0	130.00	172Nm@ 4300rpm	5.0	837983.825468	
3	Honda City i DTEC VX	2015	635000	173000	Diesel	...	1498.0	98.60	200Nm@ 1750rpm	5.0	655223.969817	
4	Tata Indica Vista Aura 1.2 Saffire BSIV	2011	130000	70000	Petrol	...	1172.0	65.00	96 Nm at 3000 rpm	5.0	99767.633693	
..
995	Hyundai i10 Magna 1.1L	2008	250000	100000	Petrol	...	1086.0	68.05	99.04Nm@ 4500rpm	5.0	26654.018755	
996	Hyundai i20 2015-2017 Sportz 1.2	2017	440000	50000	Petrol	...	1197.0	81.83	114.7Nm@ 4000rpm	5.0	462230.759638	
997	Hyundai i20 Era Diesel	2009	340000	40000	Diesel	...	1396.0	90.00	22.4 kgm at 1750-2750rpm	5.0	452646.370926	
998	Hyundai i10 Asta	2012	350000	25000	Petrol	...	1197.0	78.90	111.8Nm@ 4000rpm	5.0	363907.881519	
999	Honda City i DTEC SV	2016	700000	110000	Diesel	...	1498.0	98.60	200Nm@ 1750rpm	5.0	731325.128425	

[1000 rows x 14 columns]

```
INFO: 127.0.0.1:5861 - "POST /predict items HTTP/1.1" 200 OK
```