

Name:prashant dixit

Github: [https://github.com/dxtprashant07/hotel\\_reservation.git](https://github.com/dxtprashant07/hotel_reservation.git)

The screenshot shows the GitHub repository page for 'hotel\_reservation'. The repository is public and has 3 commits. The commits are:

Author	Commit Message	Time Ago
dxtprashant07	impovement	040a858 · 4 minutes ago
.github/workflows	ci	4 hours ago
Hotel Reservations.csv	ci/cd	4 hours ago
__pycache__	impovement	4 minutes ago
model	impovement	4 minutes ago
utils	ci/cd	4 hours ago
app.py	impovement	4 minutes ago
data_loader.py	ci/cd	4 hours ago
evaluate.py	ci/cd	4 hours ago
feature_engineering.py	ci/cd	4 hours ago
feature_transformer.py	impovement	4 minutes ago

On the right side, there are sections for About, Activity, Releases, Packages, and Languages. The Languages section shows Jupyter Notebook (99.9%) and Python (1%).

The screenshot shows the GitHub Actions page for 'hotel\_reservation'. The sidebar shows 'All workflows' under 'ML Pipeline CI/CD'. The main area displays 3 workflow runs:

Workflow	Event	Status	Branch	Actor
impovement	Commit 040a858 pushed by dxtprashant07	main	4 minutes ago	39s
ci	Commit 84c8339 pushed by dxtprashant07	main	Today at 4:09 PM	51s
ci/cd	Commit bc32ed5 pushed by dxtprashant07	main	Today at 4:06 PM	7s

classroom.google.com | Hotel Reservations Dataset | hotel\_reservations | Kaggle | ML/AI - Dataset upload request | Workflow runs - dxtprashant07/ | Hotel Cancellation Predictor | + | - | X

localhost:8501

For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now...

Model / Data

Model path: model/final\_model.joblib

Load model

Model loaded successfully

## Hotel Booking Cancellation Predictor

Upload a CSV of raw booking rows (same columns as training) or fill the form to predict whether a booking will be canceled. The app expects the saved pipeline to be a scikit-learn / imblearn pipeline that accepts raw DataFrame rows.

### 1. Upload CSV (batch predictions)

Upload a CSV file with booking rows (same columns as training).  
Drag and drop file here  
Limit 200MB per file-CSV

Hotel Reservations.csv (.csv)

Preview uploaded data (first 5 rows)

Booking_ID	no_of_adults	no_of_children	no_of_weekend_nights	no_of_week_nights	type_of_meal_plan	required_car_parking_space	room_type_reserved	lead_time	arrival_year	arrival_month	arrival_date	market_segment_type	repeated_guest	no_of_previous_cancellations	no_of_previous_bookings_not取消	avg_price_per_room	no_of_special_requests	booking_status
1 IN900000	2	0	1	1	2 Meal Plan	0	Room_Type 1	224	2017	10	2 Online	0	0	0	60	0	No_Canceled	
1 IN900002	2	0	2	3	Not Selected	0	Room_Type 1	5	2018	11	6 Online	0	0	0	106.00	3	No_Canceled	
2 IN900003	1	0	2	1	1 Meal Plan	0	Room_Type 1	1	2018	2	28 Online	0	0	0	60	0	Canceled	
3 IN900004	2	0	0	0	2 Meal Plan	0	Room_Type 1	211	2018	5	20 Online	0	0	0	100	0	Canceled	
4 IN900005	2	0	1	1	Not Selected	0	Room_Type 1	48	2018	4	11 Online	0	0	0	94.5	0	Canceled	

Run predictions on uploaded CSV

### 2. Predict single booking (manual entry)

Fill the booking fields (use same column names as training). If a column is missing, fill with a reasonable default.

Booking_ID	IN900000
no_of_adults	2
no_of_children	0
no_of_weekend_nights	1
no_of_week_nights	0

classroom.google.com | Hotel Reservations Dataset | hotel\_reservations | Kaggle | ML/AI - Dataset upload request | impovement - dxtprashant07 | Hotel Cancellation Predictor | + | - | X

github.com/dxtprashant07/hotel\_reservation/actions/runs/1978591656

For quick access, place your bookmarks here on the bookmarks bar. Import bookmarks now...

← ML Pipeline CI/CD

## impovement #3

Re-run all jobs

Summary

Triggered via push 5 minutes ago

Status: Success Total duration: 39s Artifacts: 1

Jobs

train-and-test

Run details

Usage

Workflow file

ci.yml

on: push

train-and-test 36s

Artifacts

Produced during runtime

Name	Size	Digest
trained-model	796 KB	sha256:b33f6ccc288c071fb84f926ceecdc817f1f3ed003991...