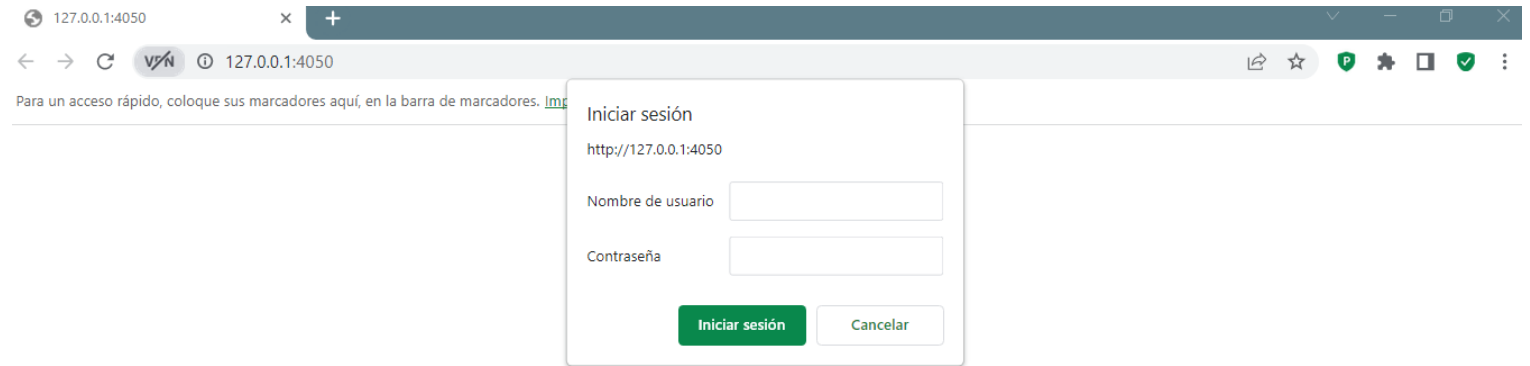


# Laboratorio-Proyecto#1

Autenticación



A screenshot of a web browser window with the address bar showing '127.0.0.1:4050'. A modal dialog titled 'Iniciar sesión' is displayed over the page content. The modal contains the URL 'http://127.0.0.1:4050', a 'Nombre de usuario' field, a 'Contraseña' field, and two buttons: 'Iniciar sesión' (green) and 'Cancelar' (white).

127.0.0.1:4050

← → ↻ 🔒 127.0.0.1:4050

Para un acceso rápido, coloque sus marcadores aquí, en la barra de marcadores. [Imag...](#)

**Iniciar sesión**

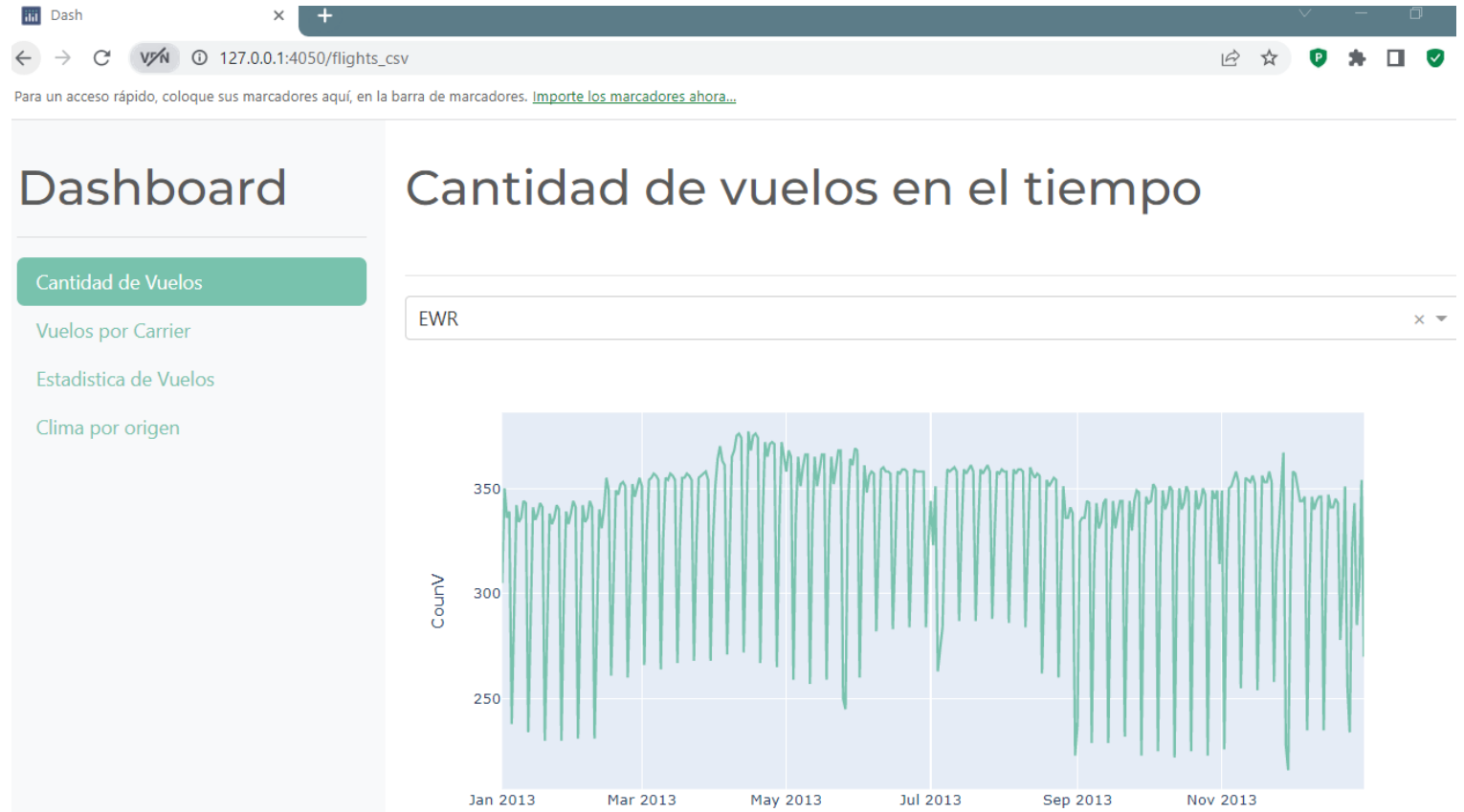
http://127.0.0.1:4050

Nombre de usuario

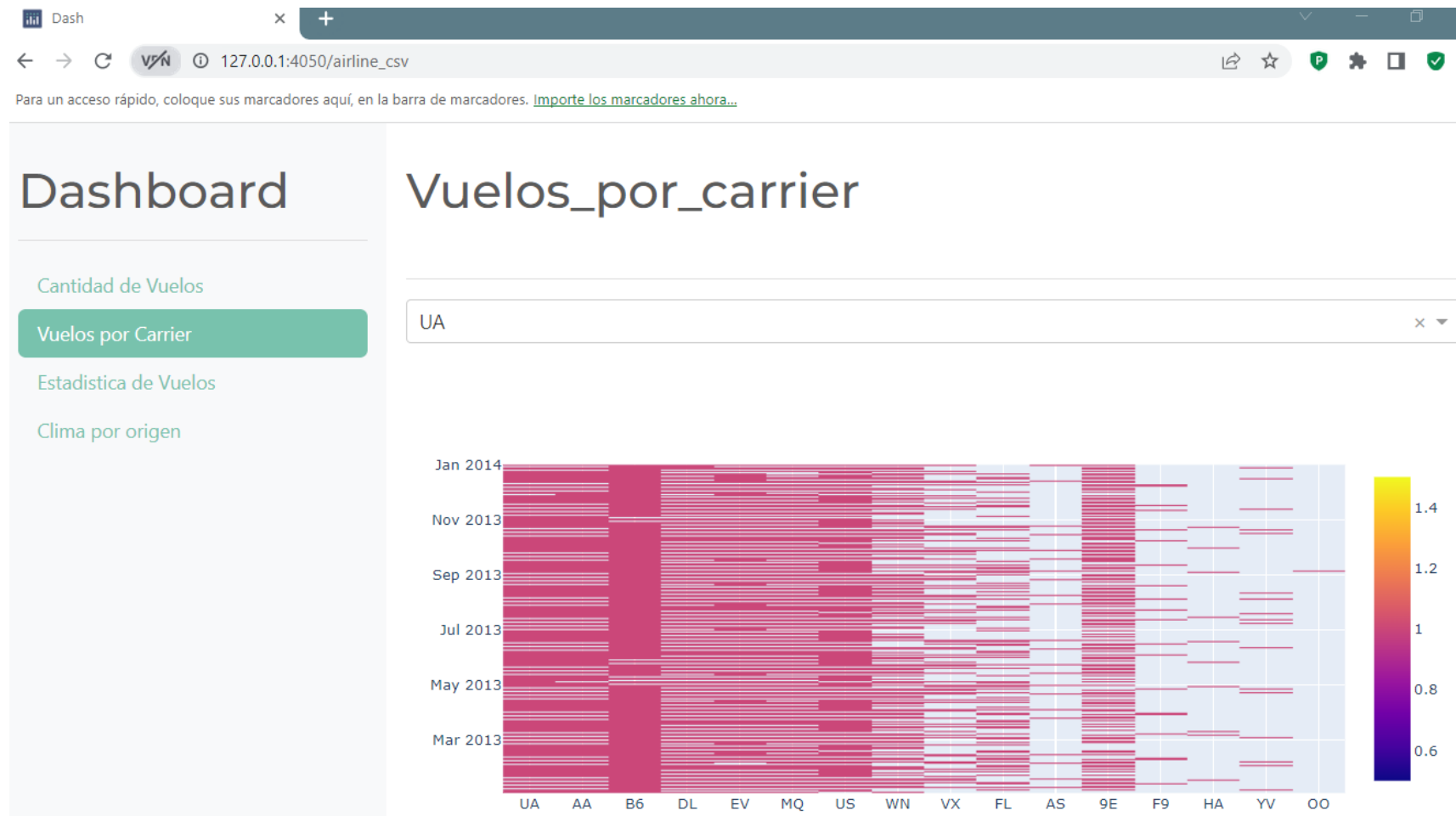
Contraseña

**Iniciar sesión** Cancelar

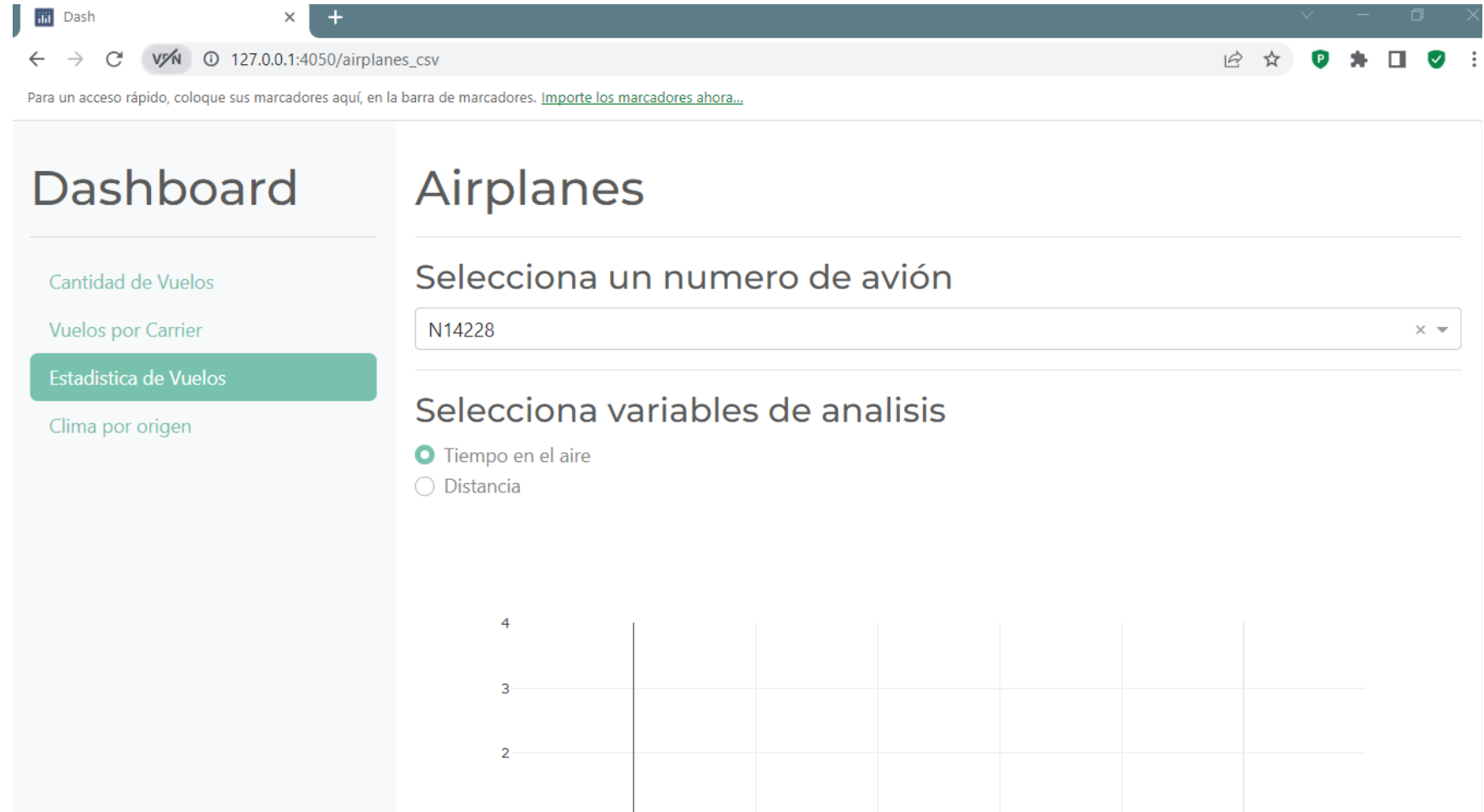
# Cantidad de vuelos en el tiempo



# Heatmap por Airline por mes



# Estadísticas de Airplane & Flights



# Estadísticas de Airplane & Flights

```
1
2 df2.groupby(['tailnum', 'year_x', 'month', 'year_y', 'type', 'manufacturer', 'model', 'engines', 'seats', 'speed', 'engine']).agg(['mean', 'median', 'max', 'min', 'std'])
```

tailnum	year_x	month	year_y	type	manufacturer	model	engines	seats	speed	engine	air_time					distance				
											mean	median	max	min	std	mean	median	max	min	std
N201AA	2013	1	1959.0	Fixed wing single engine	CESSNA	150	1.0	2.0	90.0	Reciprocating	177.750000	179.0	215.0	138.0	36.645827	1150.800	1372.0	1389	733	315.522899
		2	1959.0	Fixed wing single engine	CESSNA	150	1.0	2.0	90.0	Reciprocating	136.000000	117.0	207.0	105.0	41.677332	860.800	733.0	1372	733	285.769488
		3	1959.0	Fixed wing single engine	CESSNA	150	1.0	2.0	90.0	Reciprocating	208.000000	211.0	225.0	188.0	18.681542	1372.000	1372.0	1372	1372	0.000000
		4	1959.0	Fixed wing single engine	CESSNA	150	1.0	2.0	90.0	Reciprocating	179.875000	196.5	221.0	121.0	38.642824	1153.875	1372.0	1389	733	309.506260
		5	1959.0	Fixed wing single engine	CESSNA	150	1.0	2.0	90.0	Reciprocating	127.428571	118.0	187.0	112.0	26.444011	815.000	733.0	1389	733	231.931024
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
N782NC	2013	6	1980.0	Fixed wing multi engine	MCDONNELL DOUGLAS	DC-9-51	2.0	139.0	432.0	Turbo-jet	98.000000	98.0	98.0	98.0	NaN	746.000	746.0	746	746	NaN
		9	1980.0	Fixed wing multi engine	MCDONNELL DOUGLAS	DC-9-51	2.0	139.0	432.0	Turbo-jet	100.333333	100.0	101.0	100.0	0.577350	746.000	746.0	746	746	0.000000
		10	1980.0	Fixed wing multi engine	MCDONNELL DOUGLAS	DC-9-51	2.0	139.0	432.0	Turbo-jet	105.000000	105.0	114.0	96.0	12.727922	746.000	746.0	746	746	0.000000
		11	1980.0	Fixed wing multi engine	MCDONNELL DOUGLAS	DC-9-51	2.0	139.0	432.0	Turbo-jet	118.500000	118.5	121.0	116.0	3.535534	746.000	746.0	746	746	0.000000
		12	1980.0	Fixed wing multi engine	MCDONNELL DOUGLAS	DC-9-51	2.0	139.0	432.0	Turbo-jet	117.666667	118.0	118.0	117.0	0.577350	746.000	746.0	746	746	0.000000

174 rows × 20 columns

```
1 def set_dist_tiempo(avion_filtro):
2     df2['tailnum'] = df2['tailnum'].astype(str)
3     df2['time_hour'] = pd.to_datetime(df2['time_hour'], infer_datetime_format=True)
4     df_filtrado = df2[df2['tailnum'] == avion_filtro]
5     df_filtrado.sort_values(by='time_hour', inplace=True)
6     resultado = df_filtrado.groupby(['tailnum', 'year_x', 'month', 'year_y', 'type', 'manufacturer', 'model', 'engines', 'seats', 'speed', 'engine']).agg(['mean', 'median', 'max', 'min', 'std'])
7
```

# Condiciones Climáticas por Aeropuerto

## Dashboard

Cantidad de Vuelos

Vuelos por Carrier

Estadística de Vuelos

Clima por origen

## Condiciones Climáticas

EWR



### Indicadores

