Driver Pay: Actual vs. Predicted (on training data) and model: LightGBM

2.0M	5.1	20.3	43.2M	43.2M	– 5,183	– 0.0%	77.2%
Ride Count	Avg Trip Miles	Avg Trip Time	Actual Pay	Predicted Pay	Var	Var %	driver pay%

Actual_Pay, Predicted_Pay and Var_Pay% by Day

● Actual_Pay ● Predicted_Pay

tolls 3.32%
sales_tax 6.92%
airport_fee 0.67%
base_passenger_fare 83.33%
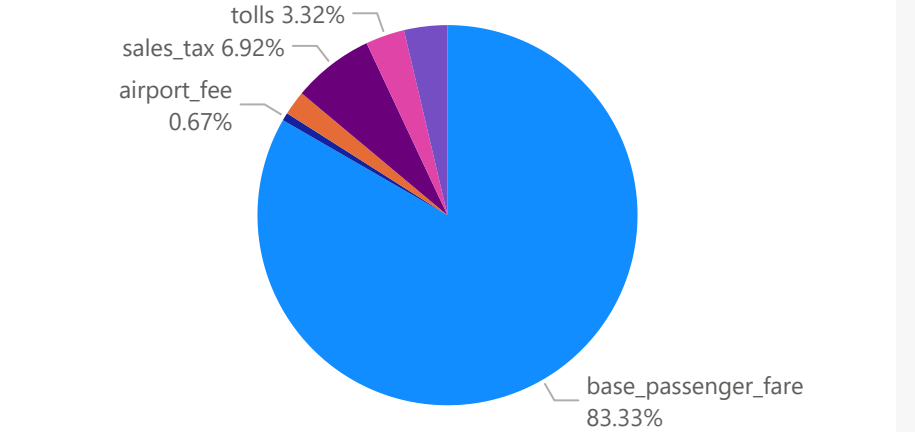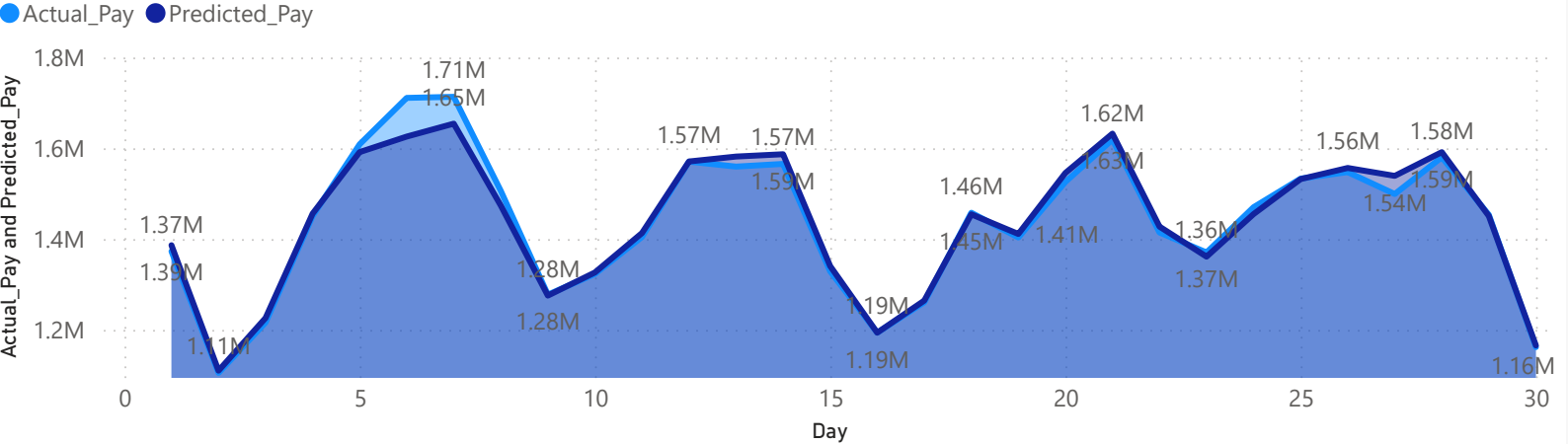
series		is_weekend		Pickup_Date	time_of_day				Algo	
test series	train series	0	1	All	Afternoon	Evening	Morning	Night	LightGBM	Linear Regression

pickup_datetime	access_a_ride_flag	shared_request_flag	wav_request_flag	base_passenger_fare	Driver__Pay	Actual_Pay	Predicted_Pay	Var_Pay	Var_Pay%	Trip Miles	Trip Time	Ride_Count
6/1/2025 12:00:01 AM	0	0	0	41.10	45	45	40	-5	-11.3%	10	34	1
6/1/2025 12:00:02 AM	0	0	0	32.17	27	27	25	-2	-6.5%	4	28	2
6/1/2025 12:00:03 AM	0	0	0	41.46	41	41	38	-2	-5.3%	11	34	2
6/1/2025 12:00:04 AM	0	0	0	28.20	23	23	23	0	-0.1%	4	26	1
6/1/2025 12:00:06 AM	0	0	0	33.45	17	17	21	4	21.8%	2	19	1
6/1/2025 12:00:07 AM	0	0	0	42.22	41	41	39	-2	-6.0%	10	36	2
6/1/2025 12:00:08 AM	0	0	0	26.16	18	18	17	-2	-8.6%	2	14	1
6/1/2025 12:00:09 AM	0	0	0	18.31	17	17	18	1	4.0%	3	17	1
6/1/2025 12:00:10 AM	0	0	0	23.30	20	20	14	-7	-33.2%	0	5	1
6/1/2025 12:00:12 AM	0	0	0	47.71	28	28	32	4	14.3%	6	27	1
6/1/2025 12:00:13 AM	0	0	0	19.48	18	18	18	0	0.5%	3	19	2
6/1/2025 12:00:15 AM	0	0	0	14.89	23	23	14	-8	-37.4%	3	16	1
Total				55,991,859.49	43,199,834	43,199,834	43,194,651	-5,183	-0.0%	10,232,338	40,632,228	2,000,000