

Real Estate Technology Case Study

Hospitality Property Performance Analytics

Source: supplied Hospitality Hotels portfolio dataset; property-operations proxy, not direct valuation data.

Metric	Value
Stay records	2,200.0
Booking value	\$1,129,715.89
Average ADR	\$115.62
Average stay (nights)	4.4
Cancellation rate	8.4%
Repeat booking rate	21.6%
Average NPS	43.1
Average service score	4.1
Average cleanliness	4.2
Average wait (mins)	10.1

Decision Lens

- Which properties contribute the greatest booking value?
- How do ADR, stay length and channel mix interact with repeat demand?
- Which operating signals should management monitor to protect demand quality?

Top Property Benchmarks

Property	Booking Value	ADR	Repeat	Cancel	NPS
Capital Plaza	\$198,111	\$120.06	22.0%	7.6%	43.8
Savanna Suites	\$197,135	\$112.75	20.6%	10.0%	42.6
Lagoon View	\$192,304	\$115.04	20.7%	7.7%	42.7
Palm Court	\$190,580	\$116.93	23.0%	7.3%	43.3
Heritage Lodge	\$183,579	\$117.39	21.8%	8.4%	43.7
Atlantic Grand	\$168,006	\$111.76	21.8%	9.3%	42.7

Technology workflow: CSV → Python/Pandas → KPI layer → interactive dashboard → Excel → executive memo / presentation. No external property transactions or invented valuation assumptions are used.