Azure Cloud Demand & Resource Optimization Dashboard

MonthYear: All

Region: All

Service: All

Season: All

629M
Total Compute Usage

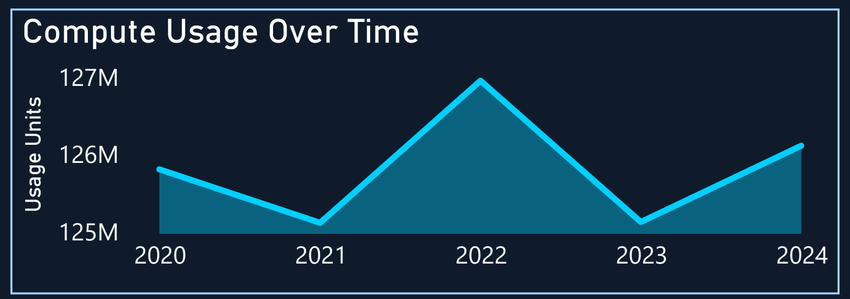
724M
Total Compute Peak Usage

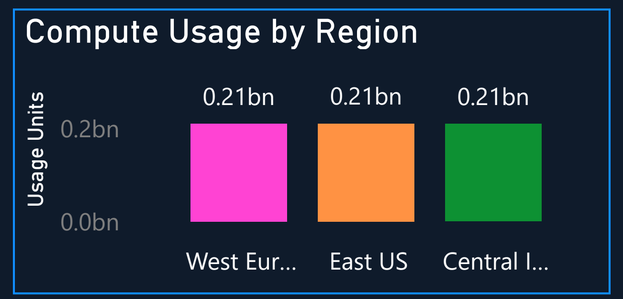
50M
Total Compute VM

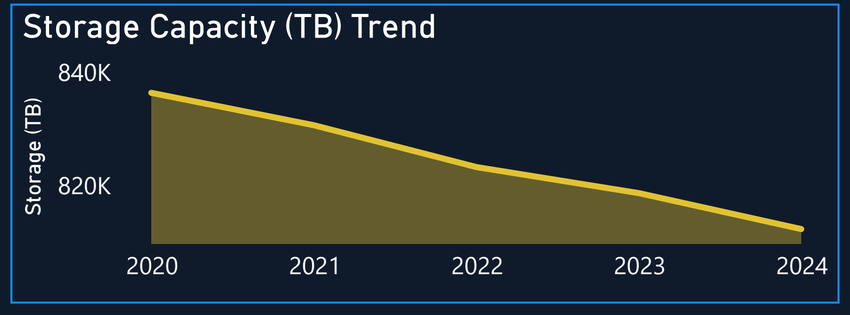
89.69
Avg Cloud Demand Index

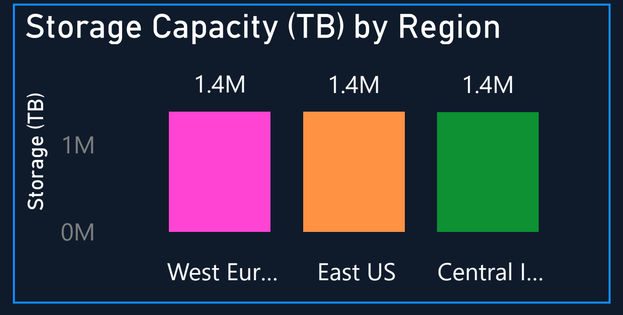
5505
Total Storage Downtime

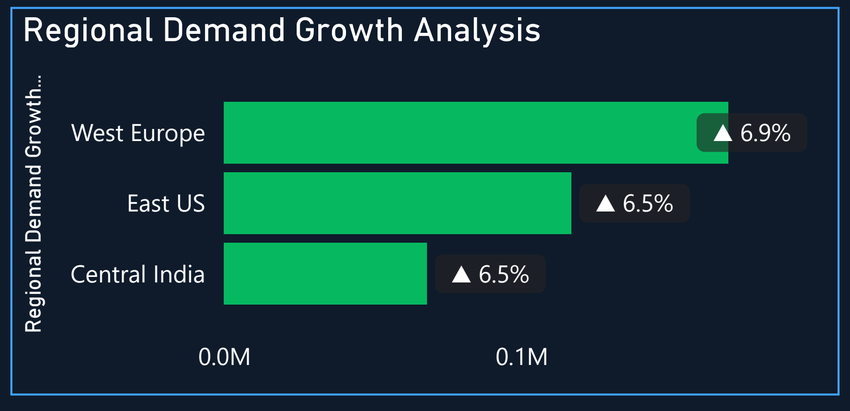
4M
Total Storage TB

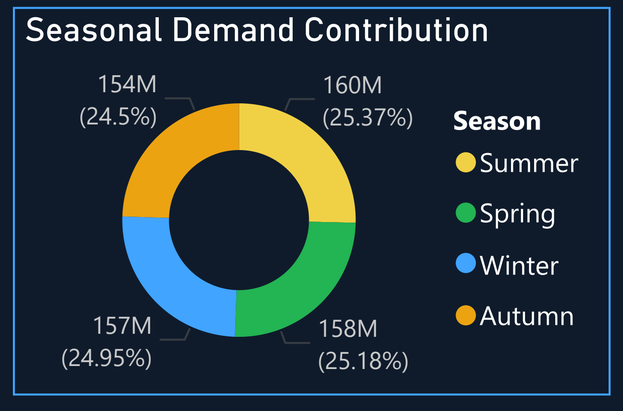












Regional Analysis

MonthYear: All

Region: All

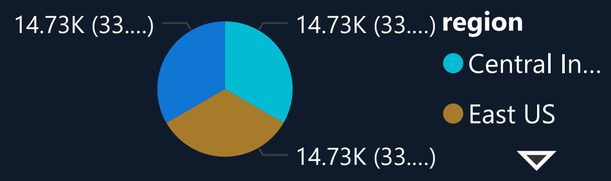
Service: All

Season: All

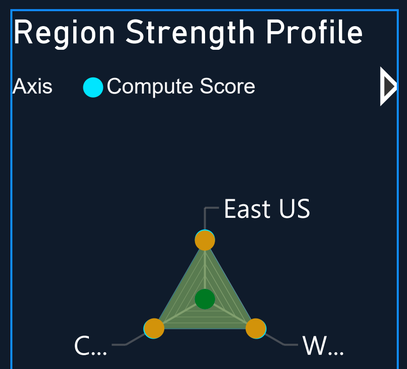
East US
Top Compute Region

West Europe
Top Storage Region

GDP Growth Contribution by Region

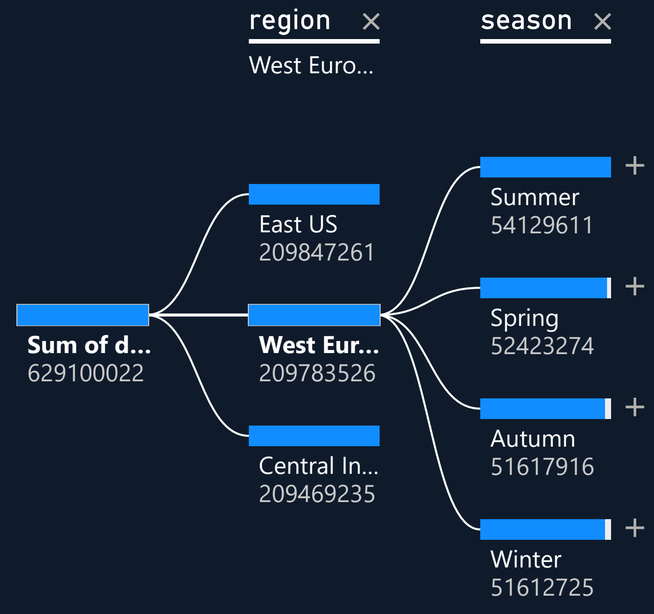


Region Strength Profile

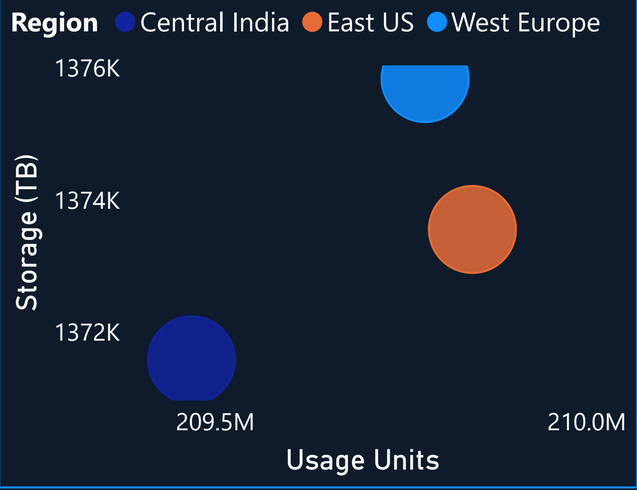


Regional Contribution to Total Demand

Demand Breakdown by Region and Season



Compute vs Storage vs Cloud Demand



region	Sum of usage_units	Sum of peak_usage_units	Sum of demand_actual	Sum of week_over_week_growth	Sum of cloud_demand_index
Central India	209469235	240847756	209469235	23,927.83	327734
East US	209847261	241831867	209847261	23,777.29	327734
West Europe	209783526	241399721	209783526	25,266.64	327734
Total	**629100022**	**724079344**	**629100022**	**72,971.77**	**983202**

Model Analysis

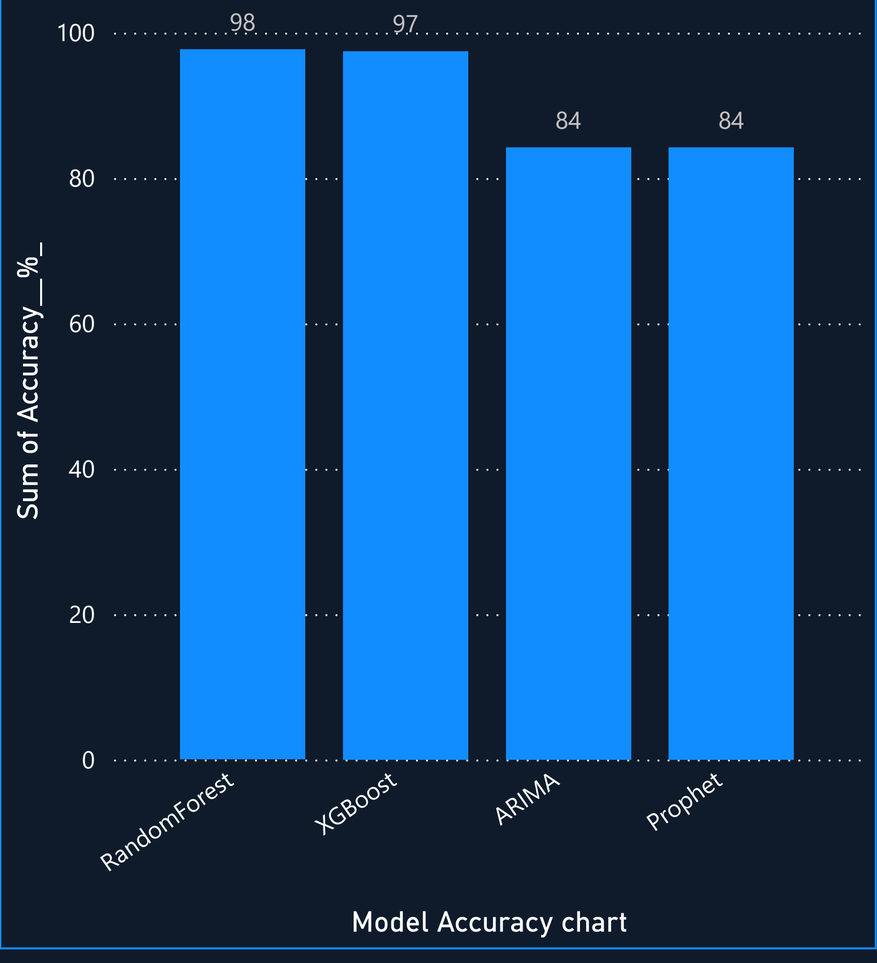
MonthYear
All

Region
All

Service
All

Season
All

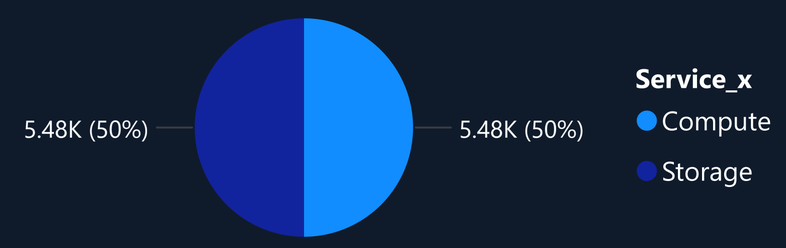
Sum of Accuracy__%_ by model



Model's Accuracy, MAE, RMSE, SMAPE score

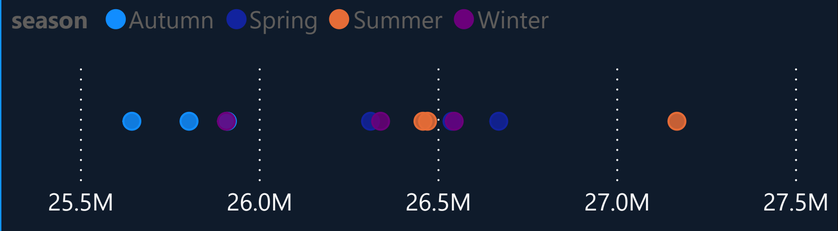
Accuracy__%_	MAE	model	RMSE	SMAPE
84.19	57,345.78	Prophet	70,423.30	15.81
84.20	57,345.69	ARIMA	70,131.40	15.80
97.46	9,068.54	XGBoost	11,743.22	2.54
97.69	8,137.45	RandomForest	10,452.60	2.31

Daily Usage of service x



Region, storage_tb

region, storage_tb

- Central India
- East US
- West Europe

Region Performance Score by region and season