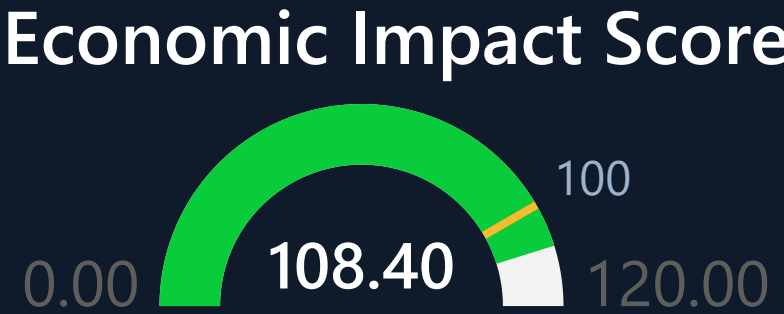




Azure Cloud Demand & Resource Optimization Dashboard



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

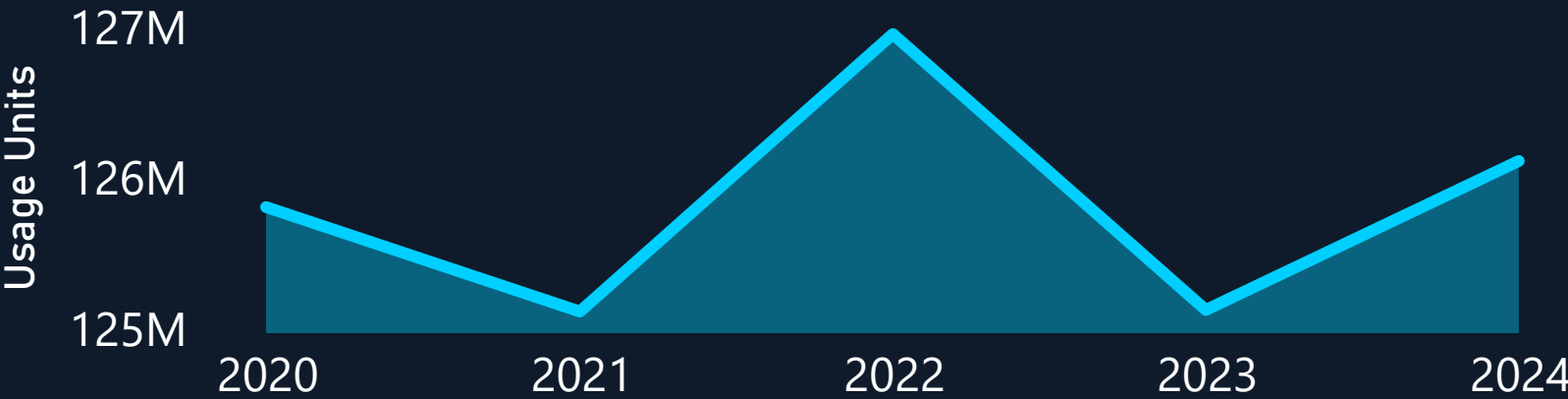
5505

Total Storage Downtime

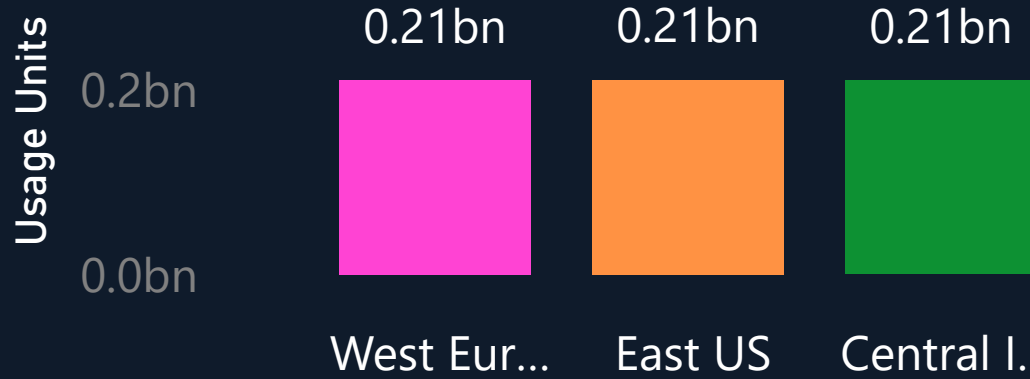
4M

Total Storage TB

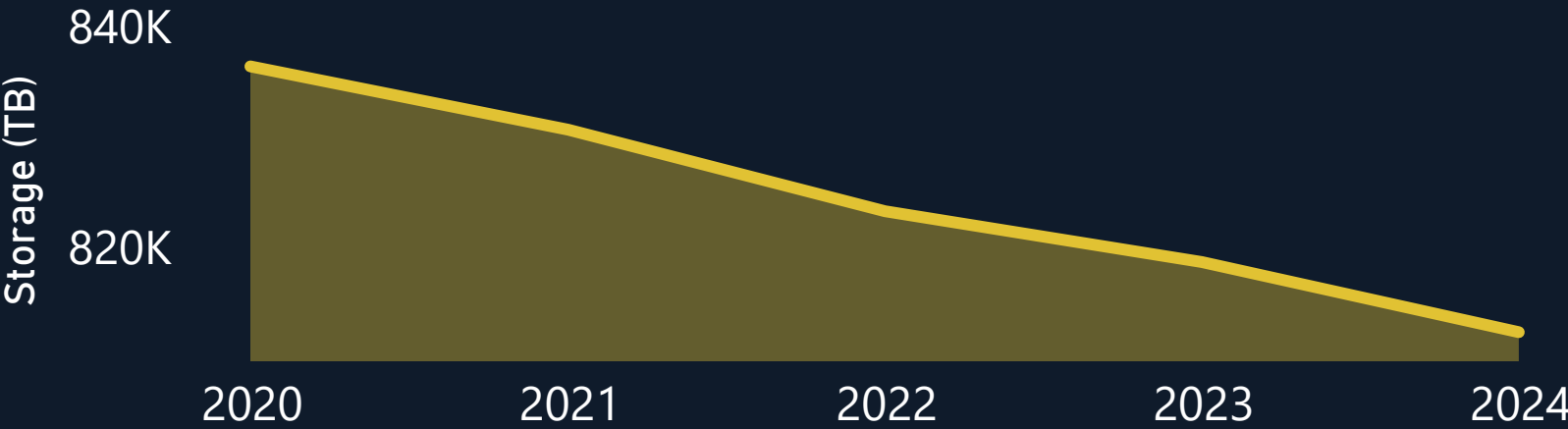
Compute Usage Over Time



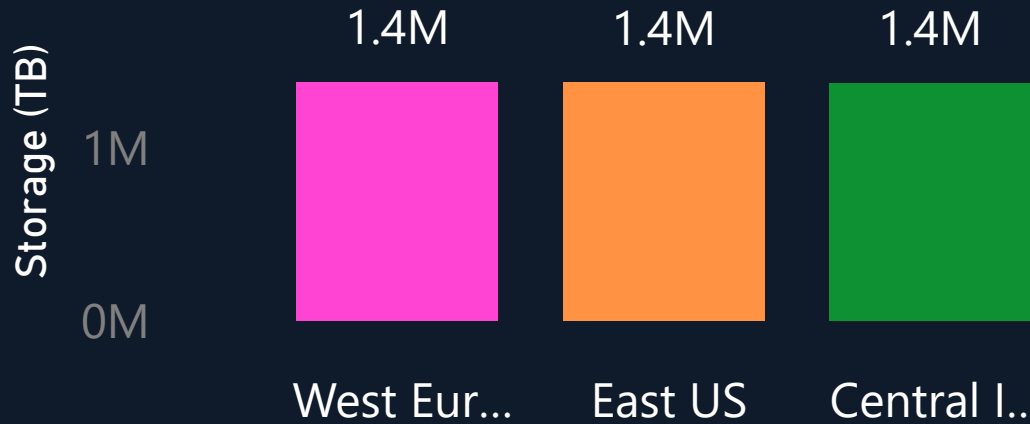
Compute Usage by Region



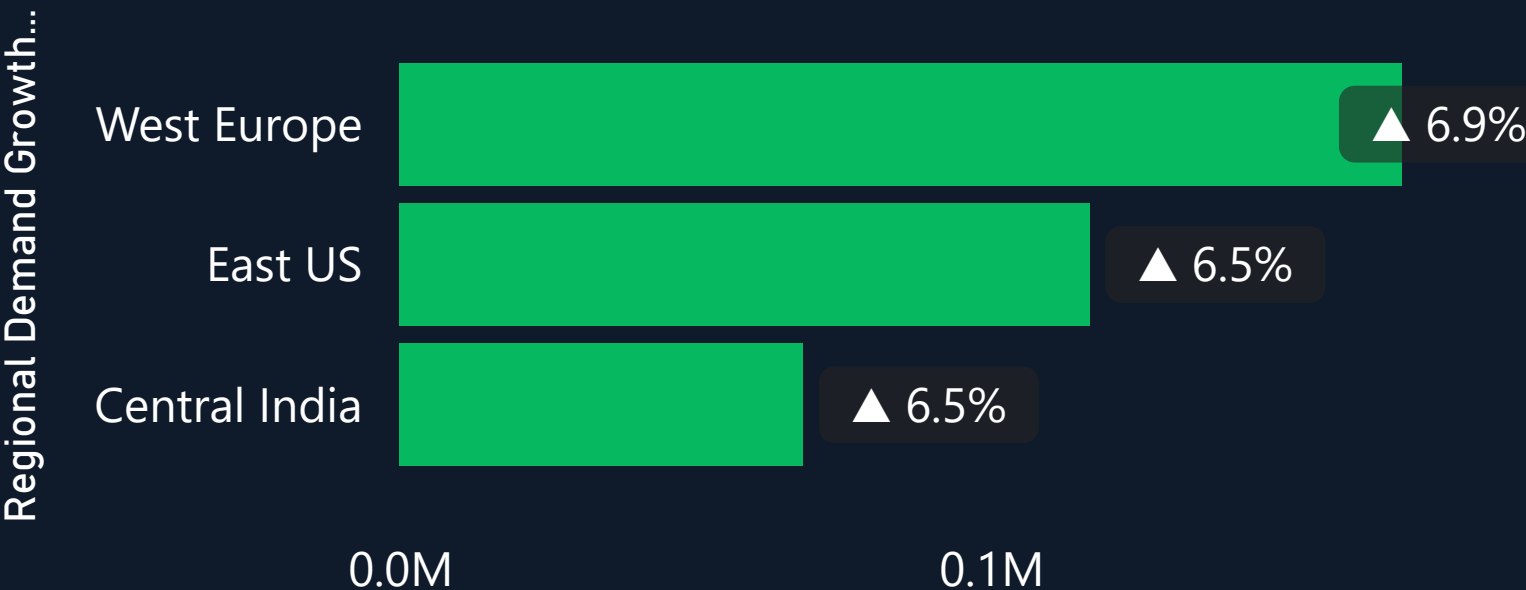
Storage Capacity (TB) Trend



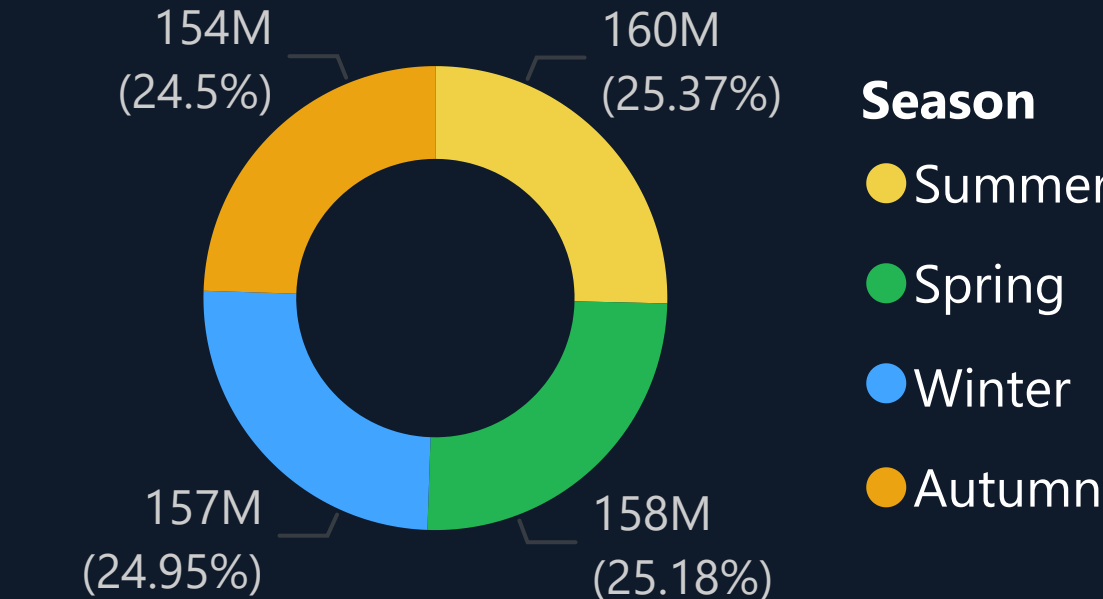
Storage Capacity (TB) by Region



Regional Demand Growth Analysis



Seasonal Demand Contribution





Regional Analysis

MonthYear

All

Region

All

Service

All

Season

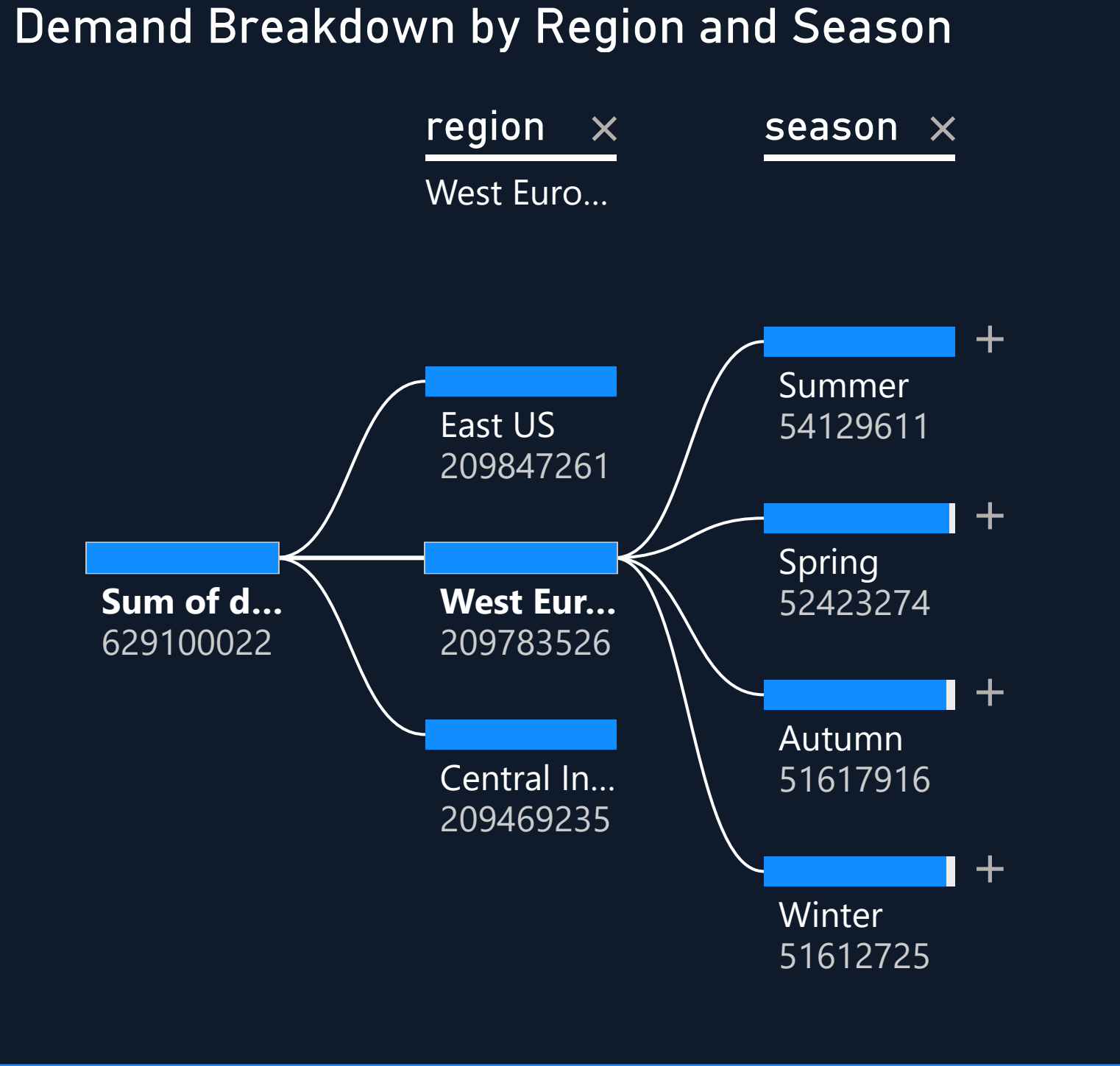
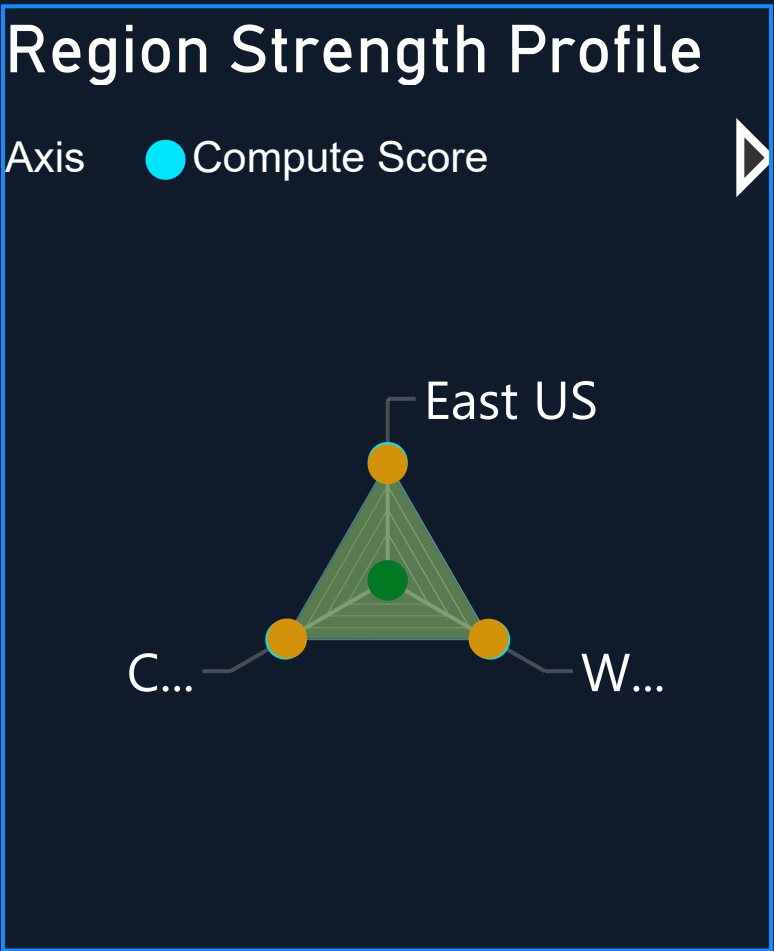
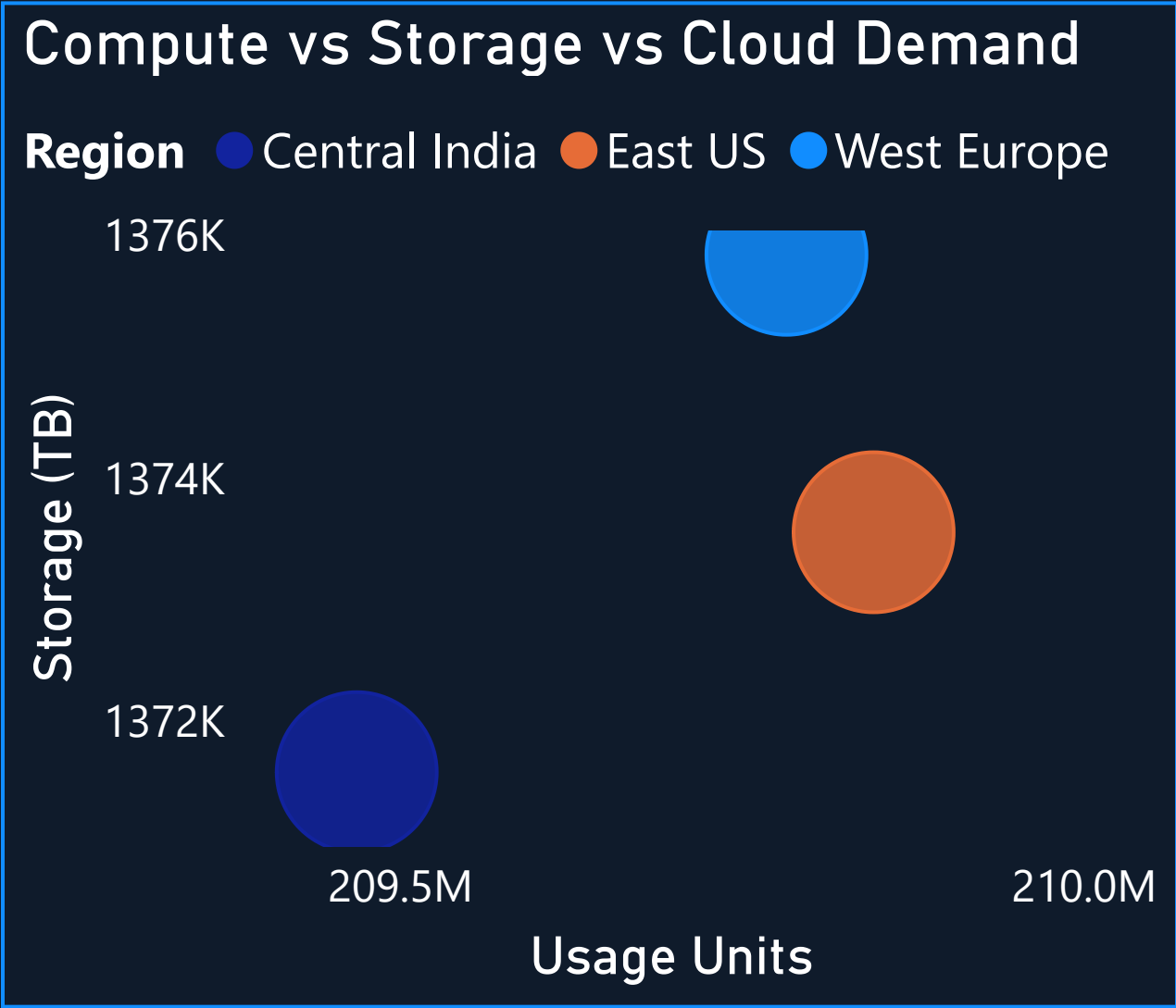
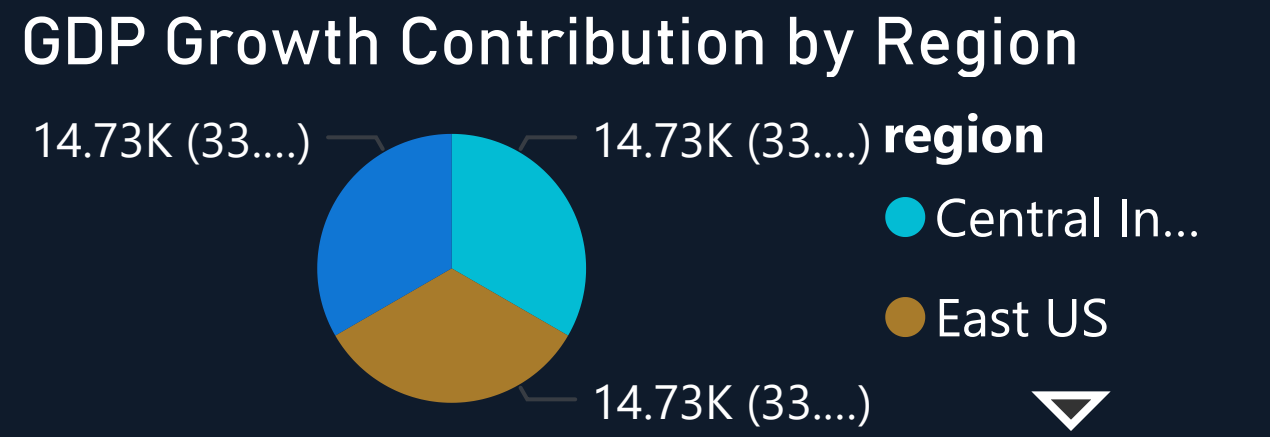
All

East US

Top Compute Region

West Europe

Top Storage Region



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

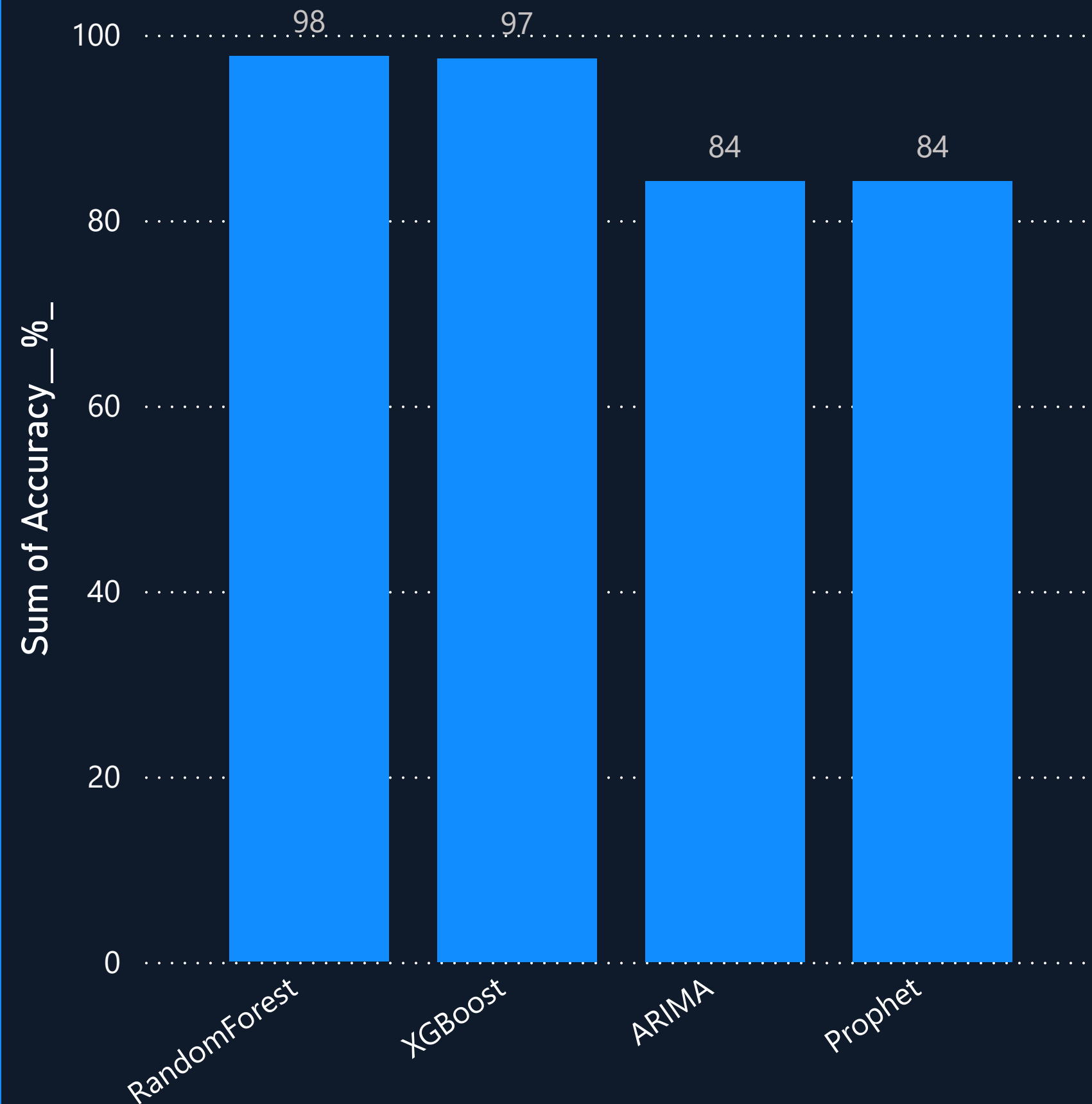


Season

All



Sum of Accuracy__%_ by model

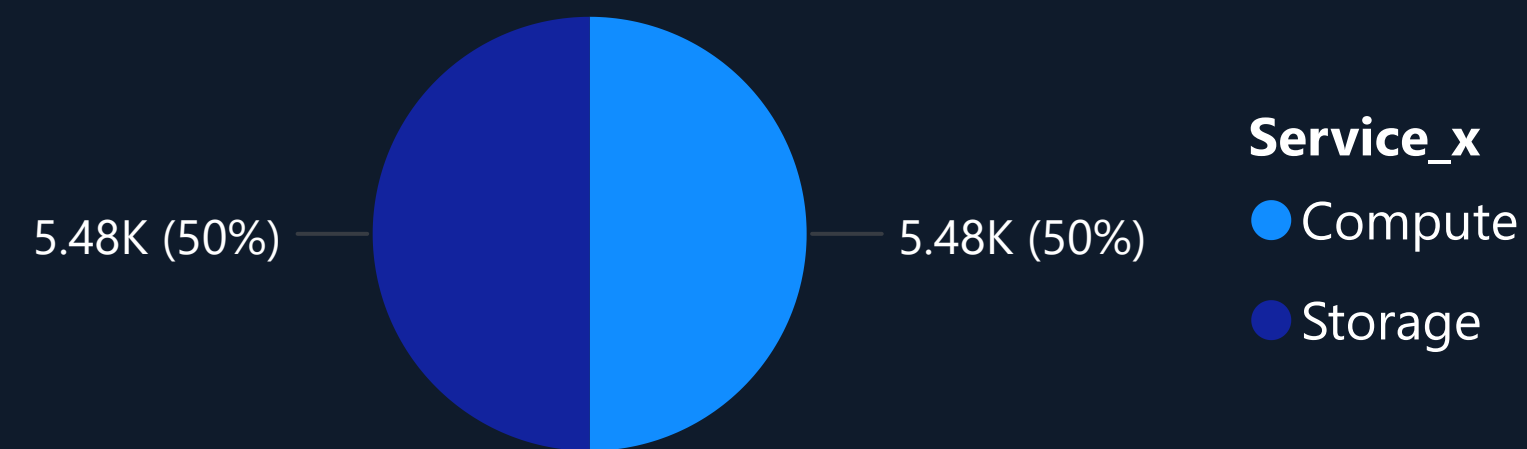


Model Accuracy chart

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

season Autumn Spring Summer Winter

