**Capacity Planning & Forecasting Reports**

* **Purpose**: Predict network growth and plan scaling strategy.
* **Contents**:
  + Historical usage trends (e.g., 5G NR load, backhaul throughput)
  + AI/ML-based demand forecasting (e.g., Prophet, ARIMA)
  + Bandwidth/Compute/Storage projections for next 12–24 months
* **Strategic Actions**:
  + Recommend additional gNBs or spectrum
  + Adjust compute nodes in edge data centers
  + Cache strategy for traffic peaks (e.g., YouTube, TikTok zones)
* **Sample Output**:

*Nairobi West forecast shows 25% capacity saturation by Q3 2026, recommending 2 new gNBs and upgraded fronthaul.*