

Demand and Capacity Planning

Collection of 15+ PowerPoint Templates



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Strategies for successful demand and capacity planning

This slide covers strategies for successful demand and capacity planning. It involves strategies such as determine maximum capacity, use predictive analytics, implement real time demand tracking and track KPIs over time.



Determine maximum capacity

- Evaluate maximum production capacity of plant
- Units manufactured per day- 200
- Operational hours-10
- Add text here

Use predictive analytics

- Predicts future demand level in advance
- Reduces over usage of machines
- Improves operational efficiency by 60%

Implement real time demand tracking

- Allows to adjust production volumes in real time
- Improves production rate by 40%
- Add text here

Track KPIs over time

- Track changes and take steps to mitigate negative trends
- Monitor KPIs such as defect rate, operational efficiency and production rate etc.:

Key steps of demand and capacity planning decision process

This slide covers key steps of demand and capacity planning decision process. It involves analysis of demand, capacity and resources needed in organization.

Key Steps

What demand do I have

Understanding of

- o Alternative Supply
- o Mix variation
- o Random variability
- o Market size
- o Seasonal adjustment

Impact

Improves decision making process by 10%

How much capacity do I need

Analysis of

- o Market economics
- o Market share
- o Service level attainment
- o Profitability
- o Add text here

Improves operational efficiency by 10%

What resources do I required

Consideration of

- o Resource yield
- o Impact of service variability
- o Resource mix options
- o Demand and Capacity Management options

Improves overall performance by 20%



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Analysis of demand and capacity planning tools

This slide covers analysis of demand and capacity planning tools. It involves features such as real time analytics, supply chain management and resource scheduling.

Demand and Capacity Planning Tools	Features	Pros	Cons	Pricing Structure
1. Click Up	<ul style="list-style-type: none">Real time analysis of team's activityManage project timelines	<ul style="list-style-type: none">User FriendlyAutomates repetitive project management tasksImproves operational efficiency by 20%	<ul style="list-style-type: none">Unable to use tags with DocumentsAdd text here	\$200 per month
2. Resource Guru	<ul style="list-style-type: none">Leave management system for employeesMonitor utilization rate	<ul style="list-style-type: none">Easy resource schedulingKeep tabs on overworked project membersIncreases production capacity by 10%	<ul style="list-style-type: none">No Gantt Chart functionality	\$250 per month
3. IQMS ERP Software	<ul style="list-style-type: none">Detailed supply chain planning and management	<ul style="list-style-type: none">Supports real time collaborative forecastingTracking system	<ul style="list-style-type: none">Limited flexibility	\$200 per month

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Demand forecasting and capacity planning in retail

This slide covers demand forecasting and capacity planning in retail sector. It involves store replenishment, workforce optimization, sales execution and financial planning.

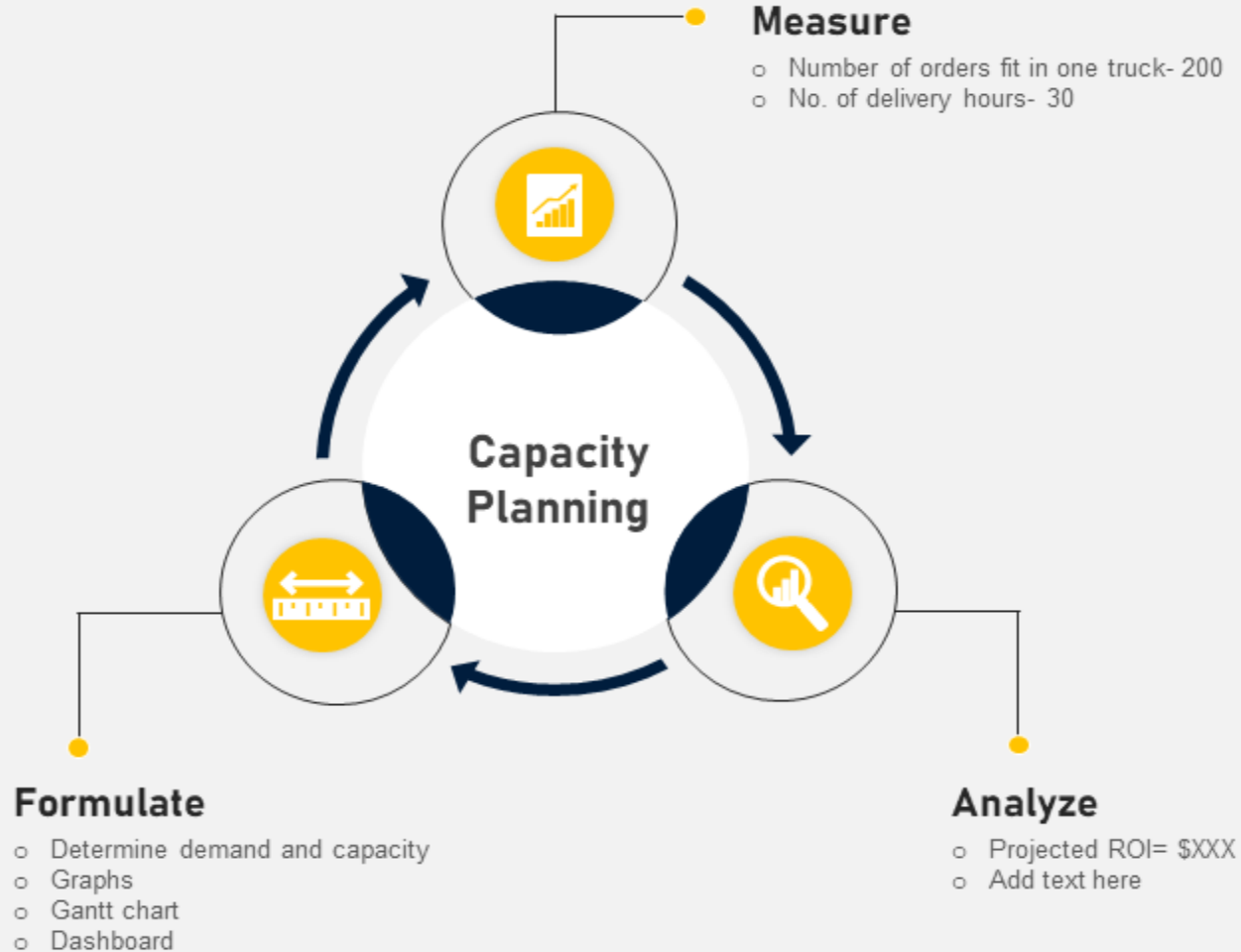


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Demand Forecasting and capacity planning in operations management

This slide covers demand forecasting and capacity planning in operations management. It involves product , workforce and tool capacity planning.



01

Product capacity planning

- Ensures ingredients for deliverables
- › Business- Florist
- › Ingredients- Flowers, vases etc.

02

Workforce capacity planning

- Determines manpower need
- › Employee required in customer support-10

03

Tool capacity planning

- Usage of right tools for tasks competition
- › Assembly line products
- › Transportation

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Resource demand and capacity planning best practices

This slide covers resource demand and capacity planning best practices. It involves define resource pool, level of granularity, carve out operational time and define when to collect resource information.



01

Define resource pool

- Estimate resource utilization of every project
- Number of people needed- 20
- Standard Budget- \$xxx

02

Define level of granularity

- Involve industrial experts into planning process
- Increases productivity by 20%
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03

Carve out operational time

- Determine operational time for each person
- Day to day work- 6 hrs
- Meeting- 1 hr

04

Define when to collect resource information

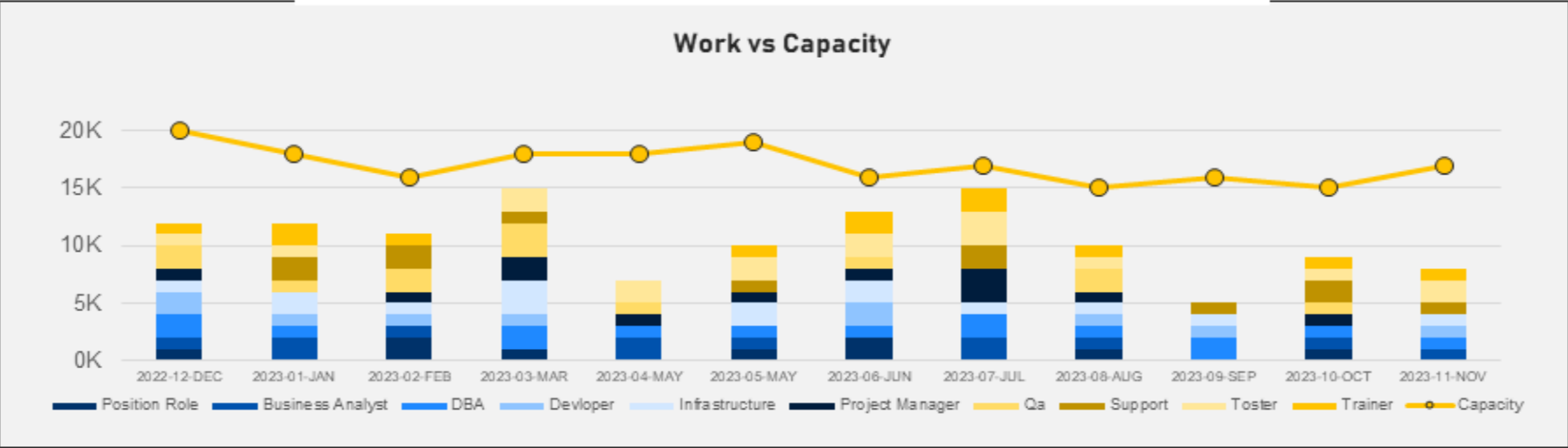
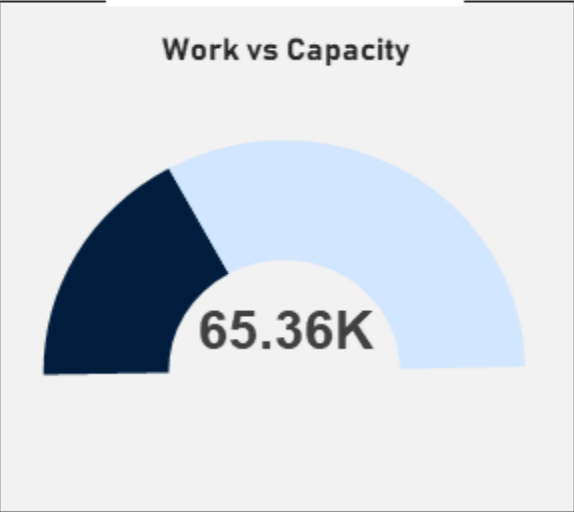
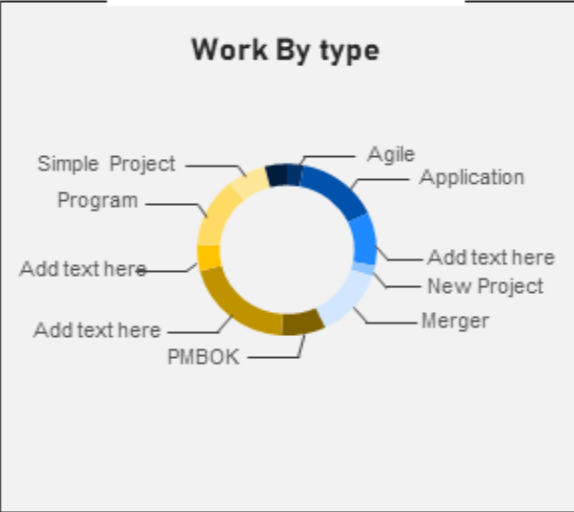
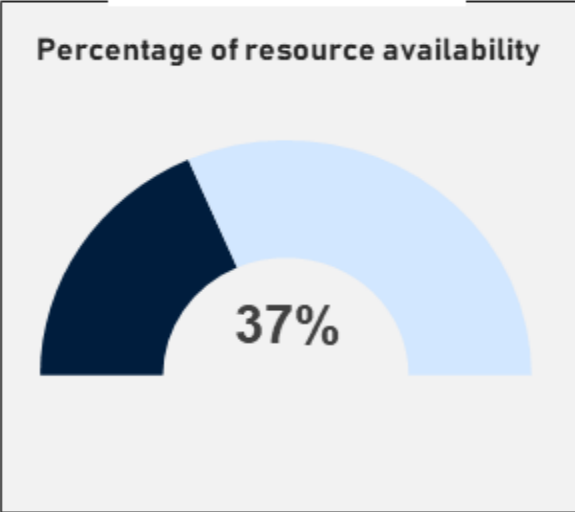
- Involves work intake or gate review process
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Resource demand and capacity planning dashboard

This slide covers resource demand and capacity planning KPI dashboard. It involves details such as work by type, percentage of resource availability and top allocated resources.



Major Resources

Grace Williams	●	-291%
Martha	●	-224%
Harry	●	-159%
Ben	●	-118%
Daniel	●	-83%
Tom	●	-79%
Jack	●	-69%

This graph/chart is linked to excel, and changes automatically based on data. Just left click on it and select "Edit Data".

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