

Not-yet Decided

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Mission Statement



Sustainable Management of Water and Sanitation for Australian Businesses

- Monitor water usage and quality
 - Real-time update
- Identify abnormal water usage
- Analysis water usage.
 - Generate report for the business.
 - Data visualization
- Forecast future plan
 - AI to predict water usages based on weather, temperatures and market trends and help businesses be aware of how much should be used per time period and to suggest optimal water usage plan.



Australia Domestic Water Management Plan

- Regional data analysis
 - Monitoring regional based water demand.
 - Monitoring water quality and contamination level.
- Managing water in megacities
 - Analysis consumption pattern and demand forecasting.
 - Optimize future water network design.

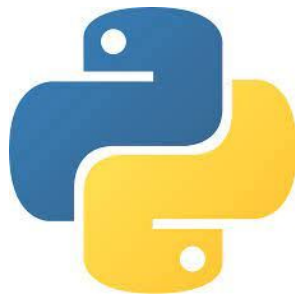


mapbox

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TensorFlow



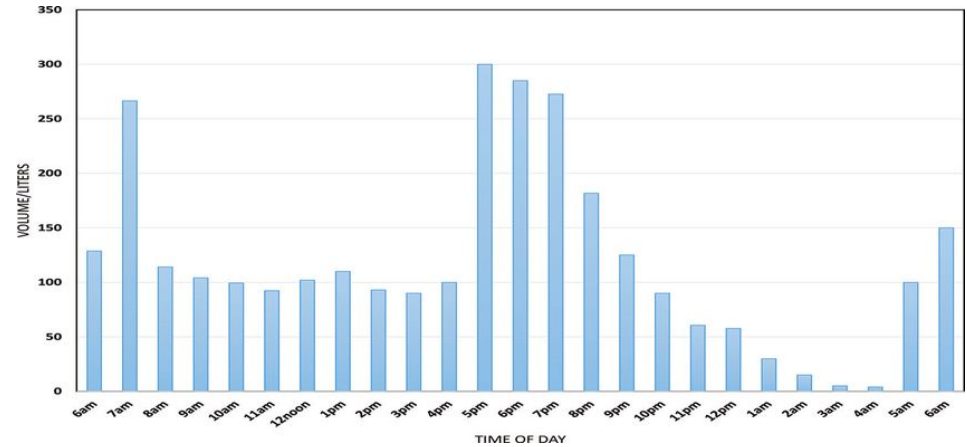
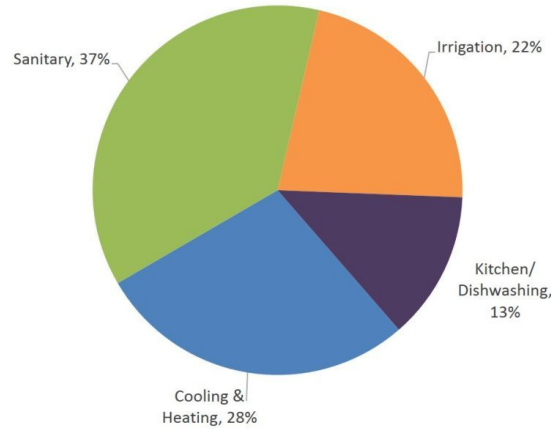
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Water Management

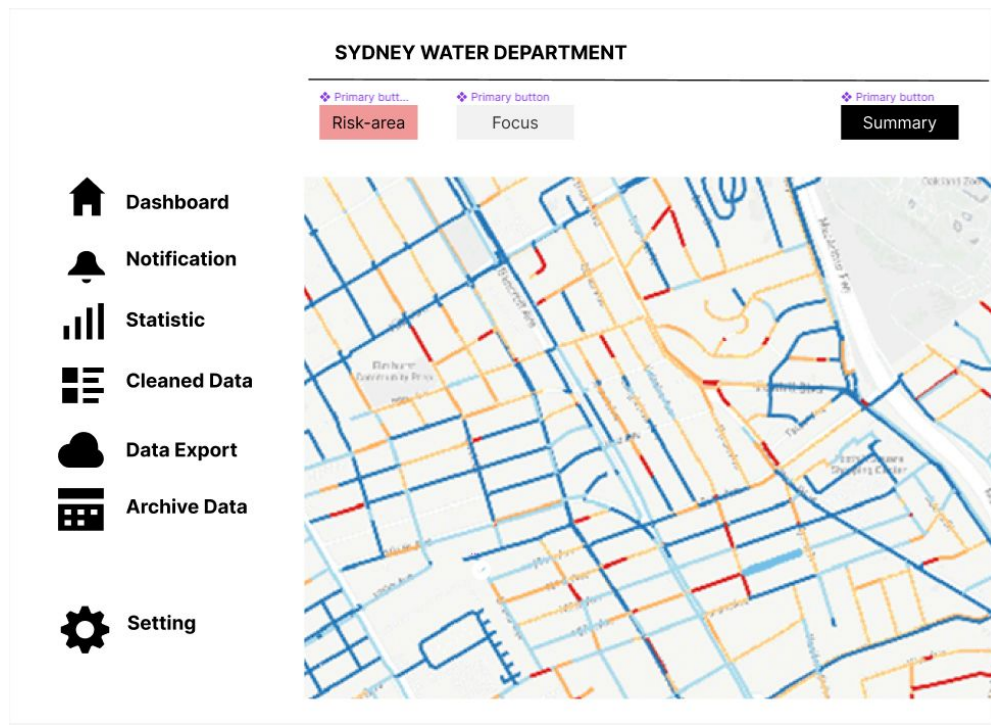


Monitor water usage





Empowering AI to identify abnormal water usage





Demo Time

The World Map

Map that shows how efficiently businesses are able to save water:

Green - businesses that save water

Orange - businesses that aren't good at saving water

Red - business sucks at saving water

Clicking the qualitative meter redirects you a dashboard that shows the .



Demo Time



Future Recommendation - Phase 1

- Corporate with Sydney Water
 - Integrate with existing Sydney water network to get real-time data.
 - Provide better prediction of water usage for businesses and regions.



Future Recommendation - Phase 2

- Partner with Australian Government to monitor water usage of local businesses/regions and propose water saving plans.



Australian Government