



Boot camp

Emanuele Della Valle

Prof. @ Politecnico di Milano

Founder & Partner @ Quantia Consulting

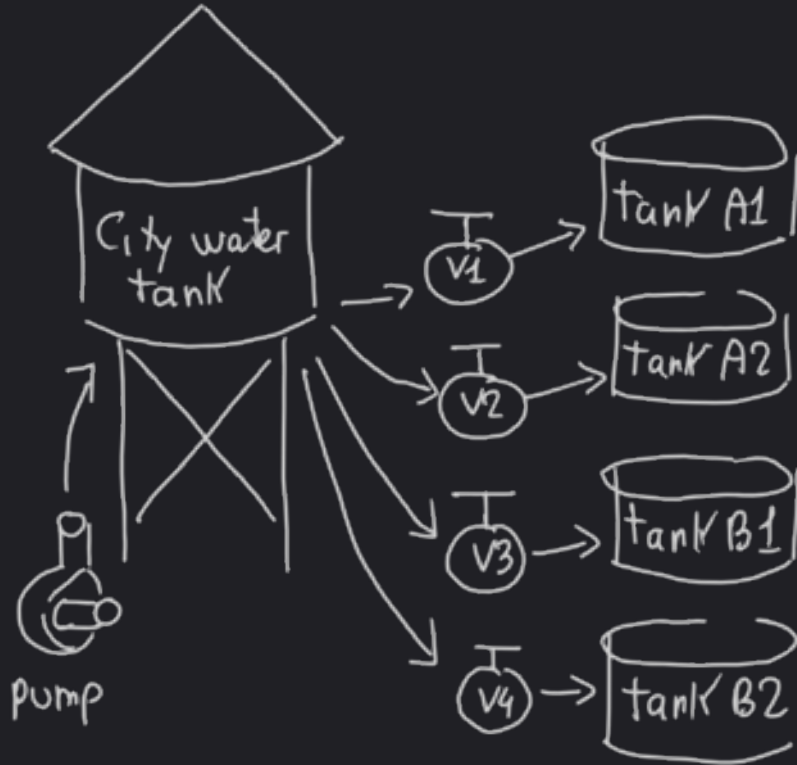
Marco Balduini

Founder & CEO @ Quantia Consulting

Senior Researcher @ Politecnico di Milano



Recall the Demo Scenario



Recall the Dashboard we demoed



Let's go to the boot camp



9

Check out the material we are sharing with you

Requirements

In the selected time range, display:				
Requirements	The fill level of the city water tank Goals: range, filter	★	The number of open valve Goals: last HINT: group, sum	☆☆☆☆
	The difference between the average water levels in two consecutive windows of one minute. Goals: join, aggregateWindow, map HINT: timeShift	☆☆☆☆	The most recent state of each valve. Use a green "1" to represent an open valve and a red "0" when is closed Goals: last, custom function	☆☆☆☆
	The speed of the pump that refills the city water tank Goals: range, filter	★	The fill level of each tank down sampled to 1 min Goals: aggregateWindow	☆☆
	The total flow rate from Goals: last HINT: group, sum	☆☆☆☆	The flow rate of each valve Goals: last	☆☆

Test cases





Data Analysis Cont.

Emanuele Della Valle Prof. @ Politecnico di Milano & Partner @ Quantia Consulting

Marco Balduini Founder & CEO @ Quantia Consulting & Senior Researcher @ Politecnico di Milano