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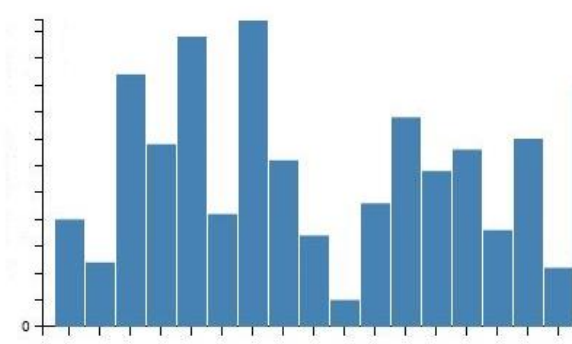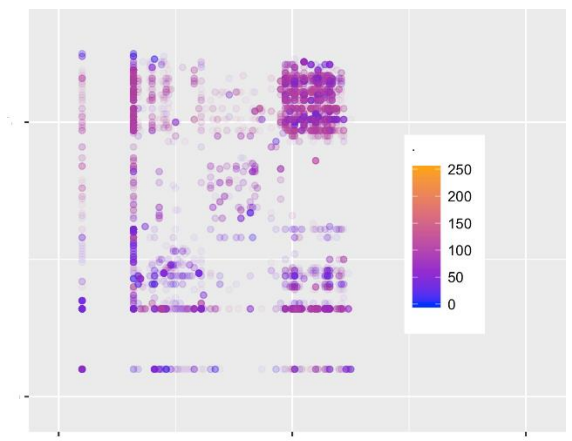
This is the finalized interface design for a web-based, interactive visual representation for the data generated by two sensors. The two sensors that were used in this experiment to collect data were on an IoT particle.io photon board: Piezo (knock data) and IR (infrared data (IR)). The two sensors ran for over a month to collect the initial data. The data was stored and visualized on nodes running on Amazon EC2.

Visualization Choice	Data Visual Representation	Data Visualization	Statistical Scale
Knock Data Data Collection: Every second, Knock level	 **Graph visualization selected by user as based on: hour, day, month and year.**	Over Interval, Highest Knock level	Interval Data: Numeric Level
Infrared Data (IR) Data Collection: Every second, IR On/off	 **Graph visualization selected by user as based on: minute, hour, day, month and year.**	Over Interval, IR On/off	Nominal Data: On, Off