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Within the framework of the project, an analysis of the existing sensor data was performed with the aim of determining the similarity in the data. This would allow us to determine which sensors are mutually redundant and can potentially be replaced by each other. Various metrics were used for the comparison, which is based on the comparison of the absolute values of the measurements, as well as the comparison of the difference. As a result of initial processing, it was determined that at least 10 - 15% of the sensors actually duplicate each other's measurements, which allows them to be interchanged. A simple smoothing of the data and a trial of the ARIMA and SARIMA algorithms were also performed to determine their applicability in obtaining a reliable forecast. Algorithms were found to provide good predictions, largely consistent with initial hypotheses.
In the next stage, it is planned to increase the total number of sensors, experimentally test other metrics for data comparison, as well as to use more complex algorithms for obtaining forecasts.
Stage report documentation has been prepared and submitted for the work done.

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