# Maker Space Side Channel Data Collection, Monitoring, and Improved Visualization

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**Abstract:** An overview of the current side channel foot traffic visualization data. Coupling with a deeper dive into specific data development connections in the manufacturing arena with CNC Milling material prediction. The traffic visualization data will make better use of the standard signals collected by many membership or usage rosters to understand the breakdown of users within a makerspace and push towards an understanding of what generalities may exist for the types of projects a group may pursue given a certain background education of the community.