

CAD models and design reviews: survey data analysis (*New - Fall 2018*)

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In the product development process, the Design Review is an activity of intense collaboration. Here, not only are designers involved, but also project managers, quality engineers, manufacturing engineers, marketers, managers, and even customers. With design teams being more global, and an increase in cloud-based software solutions, we see the likelihood for change in the traditions of the Design Review. In theory, the CAD platform affects how remote teams share the models, how non-designers can visualize the design, and how new versions of files are disseminated.

We surveyed over a hundred engineers in industry about their design review experience. The student working on this project will conduct data analysis, visualization and communicate the results back to our industry partners. Recommended background: Statistics and data processing. Strong communication skills.