**Data visualization using 3D printer --for blind student**

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Engineering faculties have a low number of visually impaired students, likely due to the difficulty of courses that include graphic elements. To address this, an application is being developed that can convert graphic data, such as decision trees and symbols, into 3D models for printing on any 3D printer. The system involves two users: printer owner and teacher. They can contact each other through the system and be updated when the print is ready. The illustration of the graphs in a 3D model allows visually impaired students to integrate into a variety of courses in a more accessible way.

**Keywords:** Visual impairments, 3D printer, conversion between files, blind students, software engineering, data visualization, STL files.