

IED16

PREPARING STUDENTS FOR EFFECTIVE GROUP WORK IN DATA ANALYTICS

Liang Chen

West Texas A&M University, Canyon, TX, USA

Abstract

Group projects are valuable in higher education but can be challenging due to difficulties with teamwork and team management. In my data analytics courses, I've developed a series of preparatory activities to strengthen teamwork and management skills before students begin their group projects. These activities include outlining the purposes of teamwork in the syllabus, discussing the qualities of effective teammates, creating a team formation document, introducing common communication tools and project management methods, and encouraging group discussions on project ideas. This multi-stage approach has been tested over the past three years with both undergraduate and graduate students, demonstrating its effectiveness.

Conference Track

Innovative Education