People are increasingly using more and more social software, generating flooding communications from emails, collaboration tools, tweets and feeds. User analytics may be performed to mine a person's activities on different social systems and extract patterns, be it interest patterns, social patterns, or work patterns. Such patterns may benefit both the individuals and the organizations the users associated with, as the information is valuable in numerous tasks, including recommendation, evaluation, management, and so on. In this article, we present an actionable solution of user analytics, namely collaboration analytics, by focusing on mining a person's work patterns from her collaboration activities. Our solution effectively makes use of a user's heterogeneous data collected from various collaboration tools to derive an integrated description of the user's collaborative work. A number of "work areas", each of which contains its work topics and people involved, are generated for every user. The challenges we face include the clustering of items with short texts and prioritizing user data from various data sources based on importance. Our solutions to those issues will be described in this article. In particular, we mine users' background information from various types of data and use such information to enrich the semantics of the short texts contained in the activity instances on collaboration tools before clustering those instances into work areas. Finally, we have developed a prototype of our collaboration analytics solution and evaluated it with real-world data and people. We have compared the performance of our approach with another popular topic-modeling solution. The experimental results demonstrated the effectiveness and efficiency of our solution.