

Data Manipulation: Converting XER Files for Analysis

(Technical Report)

The Struggle over DSM-5 in Psychiatry

(Sociotechnical Research Paper)

An Undergraduate Thesis Portfolio
Presented to the Faculty of the
School of Engineering and Applied Science
In Partial Fulfillment of the Requirements for the Degree
Bachelor of Science in Computer Science

by

Vlad Tarashansky

May 8, 2024

Contents

Preface

Data Manipulation: Converting XER Files for Analysis

The Struggle over DSM-5 in Psychiatry

Prospectus

Preface

How is mental health best promoted? Culture, society, workplace environment, and personal interactions all affect our mental health.

How can the team best create a system for extracting and presenting large construction scheduling data for another internal team that fosters mutual support, collaboration, and collective success that promotes both employees' and the enterprise's material interests? Scheduling data is necessary for settling legal disputes when large construction projects are delayed. Employees of Kroll Inc. manually extract data that legal experts need from scheduling software. The project team developed a program that automates this data extraction.

How are supporters and critics of DSM-5 advancing their agendas? The *Diagnostic and Statistical Manual of Mental Disorders, Fifth Edition (DSM-5)* is a polarizing manual in psychiatry. DSM-5's critics are divided. Some favor reform and revision; others, however, contend that an entirely new approach to psychiatry standards is necessary.