

An Analysis of B.I.M.I.E Degree Completion Time at Morgan State University

Keith S. Hargrove Duowen Ding

Department of Industrial Engineering

Morgan State University

Baltimore, Maryland 21251, USA

Email: skharg@eng.morgan.edu & dding@eng.morgan.edu

Tel: 443-885-4226

ABSTRACT

Degree completion time is analyzed in this paper based on the transcript data of undergraduate students at the Department of Industrial and Information Engineering at Morgan State University. Degree completion time is considered as a measure for educational performance by that the reduction of completion time reflects the improvement of educational performance. The factors affecting degree completion time include SAT scores, GPA, AHRS, EHRS, etc. This paper examines these factors as a whole in general and individually or in combination with another to find how they affect the time students take to complete school. By the analysis of these factors using statistical methods, significant reduction in degree completion time variability can be achieved.