

WATTANAVIPA TANAKULKIT : INSIGHTFUL DATA ANALYTICS OF EMPLOYEE
BURNOUT. THESIS ADVISOR : ASSOC. PROF. JITIMON ANGSKUN, D.Eng. 101 PP.

BURNOUT SYNDROME / INSIGHTFUL DATA ANALYTICS / DECISION TREE

Burnout syndrome is a condition of emotional exhaustion that results from prolonged, excessive work stress. It causes burnout sufferers to feel that their work is beyond their limits, their moods are significantly reduced, and they cannot meet work demands or perform poorly. Therefore, this research focuses on an in-depth analysis of employee burnout by analyzing factors affecting burnout in employees' work and developing a prediction model for burnout.

This research collected data from 223 employees from digital technology companies. The statistics used for analysis were descriptive statistics to analyze personal data by frequency distribution, percentage, mean and standard deviation. The design and development of a prediction model for burnout of employees used a decision tree technique.

The results revealed that the prediction model for burnout of employees had all values of accuracy, recall, and F-measure was 85 percent. This model could be applied to predict burnout in the work of employees.

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