

JOB DESCRIPTION

Rev.A

JOB TITLE : Data Science Engineer/ Data Scientist	SECTION :	DEPARTMENT : WDT STRATEGIC PROGRAMS & ANALYTICS
CATEGORY : HDD Analytic Engineer	GRADE : 100008 (Profession 108)	REPORT TO : Kee Tze Ping

Job Responsibilities:

Western Digital is looking for dynamic candidate who has deep passion in using data sciences and statistical methodologies and approaches to discover new insights and business improvement opportunity.

Data Science Engineer will be responsible to carry out the following job responsibilities:

- Construct, join and clean up the big dataset into analytics friendly format.
- Apply data science, data mining and statistical methodology to discover signals directing to excursion root cause investigation or discover new insights leading to business improvement opportunity in quality, yield, productivity, test time & other KPIs
- Carry out the adhoc data mining analysis request independently in a timely manner, present meaningful new insights with appropriate visualization format and good presentation skill to convey the findings to influence the core team for critical decision making
- Apply data science methodology to develop prediction models and models management for implementation in manufacturing environment for productivity, test time, and quality improvement
- Work on critical mid- term & long term projects that drives analytics advancement according to the roadmap
- Work hand in hand with system development team to design new detection system/dashboard features for quality excursion detection and automate diagnostic analysis
- Conduct statistical training programs to engineers of all levels & provide on the job training and consultant to greenbelt and black belt project candidates

QUALIFICATIONS:

Candidate must possess Data Science or Statistical Analytics education background or any engineering disciplines with relevance work experiences

Experience :

Candidate with work experiences dealing with Big Data Analysis and development of prediction models (min 5 years).

Candidate must be familiar with some of the following Statistical Analysis & Modeling Tools :
 JMP, Minitab, SPSS, Enterprise Miner, Enterprise Guide, SAS coding, R.