King Saud University

College of Computer and Information Sciences

Information Technology Department

IT 326: Data Mining

Course Project

Data Science Job Salaries

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Goal of collecting this Dataset

Understanding the factors influencing salaries in the rapidly expanding field of data science is essential for employees, job seekers, and organizations. By analyzing various job and employee characteristics such as experience level, employment type, work years, job title, salary, remote work ratio, company location, and company size, we aim to develop a predictive model that can help individuals and businesses make informed decisions and stay updated on market trends. This will enable organizations to establish fair and competitive salary ranges and facilitate meaningful discussions during the hiring process."

The source of the dataset

https://www.kaggle.com/datasets/ruchi798/data-science-job-salaries

Attribute name	Description	Data type
WORK YEAR	THE YEAR THE SALARY WAS PAID	ORDINAL
EXPERIENCE LEVEL	THE EXPERIENCE LEVEL IN THE JOB DURING THE YEAR	ORDINAL
EMPLOYMENT TYPE	THE TYPE OF EMPLOYMENT FOR THE ROLE	ORDINAL
JOB TITLE	THE ROLE WORKED IN DURING THE YEAR	NOMINAL
SALARY IN USD	THE SALARY IN USD	NUMERIC
REMOTE RATIO	THE OVERALL AMOUNT OF WORK DONE REMOTELY	NUMERIC RATIO
COMPANY LOCATION	THE COUNTRY OF THE EMPLOYER'S MAIN OFFICE OR CONTRACTING BRANCH	NOMINAL
COMPANY SIZE	THE MEDIAN NUMBER OF PEOPLE THAT WORKED FOR THE COMPANY DURING THE YEAR	ORDINAL
SALARY	THE TOTAL GROSS SALARY AMOUNT PAID	NUMERIC
SALARY CURRENCY	THE CURRENCY OF THE SALARY PAID AS AN ISO 4217 CURRENCY CODE	NOMINAL
EMPLOYEE RESIDENCE	EMPLOYEE'S PRIMARY COUNTRY OF RESIDENCE IN DURING THE WORK YEAR AS AN ISO 3166 COUNTRY CODE	NOMINAL