

Processed Text

engineering design decision matrix general instruction using decision matrix constraint consideration many complex decision certain constraint consideration must considered making choice constraint limitation restriction possible choice meet constraint work hand consideration factor want consider making decision deal breaker example imagine buying car five people large dog family car must room five people dog car work family constraint would also like get car good gas mileage would prefer one blue factor consideration red car one average gas mileage would still work family would give weight car blue good gas mileage car among choice room five people dog using decision matrix 1 list criterion factor need consider deciding best overall solution design 2 assign weight criterion 1 5 5 highest value reflect important think criterion thinking whether constraint v consideration may also help determine weight constraint weighted heavily judgement call student make important student understand ranking factor order importance multiple factor may importance 3 criterion score option scale 1 5 5 best based well option seems meet criterion 4 multiply weight category score gave option get weighted score calculate total weighted score option compare 5 student critically think whether outcome make sense overall may mean student need go back review assigned value weighted certain category alternatively may mean matrix revealing outcome fully anticipated thus consider option seriously often student practice using matrix meaningful reliable tool becomes sample

Top Keywords

car: 0.28721347895177635
constraint: 0.28721347895177635
consideration: 0.20515248496555455
criterion: 0.20515248496555455
decision: 0.20515248496555455
factor: 0.20515248496555455
option: 0.20515248496555455
student: 0.20515248496555455
matrix: 0.16412198797244362
may: 0.16412198797244362
score: 0.16412198797244362
weight: 0.16412198797244362
weighted: 0.16412198797244362
would: 0.16412198797244362
choice: 0.12309149097933272
consider: 0.12309149097933272
dog: 0.12309149097933272
family: 0.12309149097933272
five: 0.12309149097933272
gas: 0.12309149097933272
mileage: 0.12309149097933272
people: 0.12309149097933272
using: 0.12309149097933272
work: 0.12309149097933272
also: 0.08206099398622181
best: 0.08206099398622181
blue: 0.08206099398622181
category: 0.08206099398622181
certain: 0.08206099398622181
design: 0.08206099398622181
get: 0.08206099398622181
good: 0.08206099398622181

importance: 0.08206099398622181
important: 0.08206099398622181
make: 0.08206099398622181
making: 0.08206099398622181
mean: 0.08206099398622181
meet: 0.08206099398622181
must: 0.08206099398622181
need: 0.08206099398622181
one: 0.08206099398622181
outcome: 0.08206099398622181
overall: 0.08206099398622181
room: 0.08206099398622181
think: 0.08206099398622181
value: 0.08206099398622181
whether: 0.08206099398622181
alternatively: 0.041030496993110906
among: 0.041030496993110906
anticipated: 0.041030496993110906
assign: 0.041030496993110906
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average: 0.041030496993110906
back: 0.041030496993110906
based: 0.041030496993110906
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breaker: 0.041030496993110906
buying: 0.041030496993110906
calculate: 0.041030496993110906
call: 0.041030496993110906
compare: 0.041030496993110906
complex: 0.041030496993110906
considered: 0.041030496993110906
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deciding: 0.041030496993110906
determine: 0.041030496993110906
engineering: 0.041030496993110906
example: 0.041030496993110906
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hand: 0.041030496993110906
heavily: 0.041030496993110906
help: 0.041030496993110906
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imagine: 0.041030496993110906
instruction: 0.041030496993110906
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large: 0.041030496993110906
like: 0.041030496993110906
limitation: 0.041030496993110906
list: 0.041030496993110906
many: 0.041030496993110906

matrixgeneral: 0.041030496993110906
meaningful: 0.041030496993110906
multiple: 0.041030496993110906
multiply: 0.041030496993110906
often: 0.041030496993110906
order: 0.041030496993110906
possible: 0.041030496993110906
practice: 0.041030496993110906
prefer: 0.041030496993110906
ranking: 0.041030496993110906
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restriction: 0.041030496993110906
revealing: 0.041030496993110906
review: 0.041030496993110906
sample: 0.041030496993110906
scale: 0.041030496993110906
seems: 0.041030496993110906
sense: 0.041030496993110906
seriously: 0.041030496993110906
solution: 0.041030496993110906
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thinking: 0.041030496993110906
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tool: 0.041030496993110906
total: 0.041030496993110906
understand: 0.041030496993110906
want: 0.041030496993110906
well: 0.041030496993110906