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in safety engineering and reliability engineering to understand how systems can fail to identify the best ways to reduce risk and to determine or get a feeling for event rates of a safety accident or a

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mechanical engineering wikipedia Sep 25 2022 web mechanical engineering is an engineering branch that combines engineering physics and mathematics principles with materials science to

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design analyze manufacture and maintain mechanical systems it is one of the oldest and broadest of the engineering branches the mechanical engineering field requires an understanding of core areas

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design and application of equipment devices and systems which
use electricity electronics and electromagnetism it emerged as an
identifiable occupation in the latter half of the 19th century after
commercialization of the electric telegraph the telephone and
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modeling regression analysis is a set of statistical processes for
estimating the relationships between a dependent variable often
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learning parlance and one or more independent variables often
called predictors covariates explanatory variables or

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has been further modified by the international function point users group ifpug fpa is used to make estimate of the software project including its testing in terms of functionality or function size of the software product

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