PMP Cheat Sheet

by olegabramov via cheatography.com/20535/cs/3289/

Project Selection

PV = FV / $(1+r)^n$

FV = PV * $(1+r)^n$

NPV = Pick the biggest number

ROI = Pick the biggest number

IRR = Pick the biggest number

Payback Period = Initial Investment / Cash Inflow per Period

BCR = Benefit / Cost

CBR = Cost / Benefit

Opportunity Cost = Value of project not being chosen

Communications

Communication Channels = n * (n -1) / 2

Numbers of conversations each person can have at any given point in time = n - 1

test

Procurement

PTA = ((Ceiling Price - Target Price) / Bayers Share Ratio) + Target Cost

Risk

EMV = P * I ❗

Sinom

PV — Present value

FV — Future Value

r — Interest rate

n — Period of time

NPV — Net Present Value

ROI — Rate of Interest

IRR — Internal Rate of Return

BCR — Benefit Cost Ratio

CBR — Cost Benefit Ratio

PTA — Point of Total Assumption

EMV — Expected Monetary Value

P — Probability

Sinom (cont)

I — Impact

EVM — Earned Value Management

CV — Cost Variance

SV — Schedule Variance

AC — Actual Cost

PV — Present Value

CPI — Cost Performance Index

SPI — Schedule Performance Index

EAC — Estimate at Complete

BAC — Budget at Complete

TCPI — To Complete Performance Index

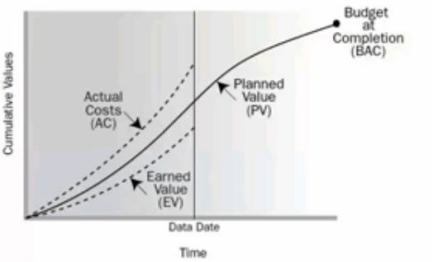
ETC — Estimate To Complete

EV — Earned Value

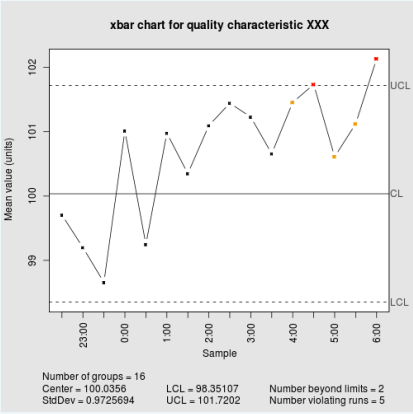
VAC — Variance at Completion

C — Cumulative

Cash flow, Cost baseline and Funding display



The Control Chart



Earned Value Management (EVM)

EV = PV / AC

CV = EV - AC

SV = EV - PV

CPI = EV / AC

SPI = EV / PV

TCPI = (BAC / EV) / (BAC / AC)

EAC = BAC / CPI *no variances*

EAC = AC + ETC *with variances*

EAC = AC + (BAC - EV) *typical*

EAC = AC + (BAC - EV) / CPI *atypical*

ETC = EAC - AC

VAC = BAC - EAC

$CPI^C = EV^C / AC^C$

PV = FV / $(1+r)^n$

Percent complete = (EV / BAC) * 100

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