

LAMPIRAN

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clear
clc

disp('data histori populasi penduduk')
Populasi_penduduk = [2015 2016 2017;213297 215671 218143]
%penduduk 2015
pp2015 = 213297
%penduduk 2016
pp2016 = 215671
%penduduk 2017
pp2017 = 218143

disp('laju pertumbuhan populasi penduduk')
%laju populasi penduduk 2016
g2016 = (pp2016-pp2015)/pp2015
%laju populasi penduduk 2017
g2017 = (pp2017-pp2016)/pp2016
%laju rata-rata pertumbuhan penduduk
gr = (g2016+g2017)/2

disp('prakiraan populasi penduduk')
%prakiraan penduduk
p2016 = pp2015*(1+gr)
p2017 = pp2016*(1+gr)
p2018 = pp2017*(1+gr)
p2019 = p2018*(1+gr)
p2020 = p2019*(1+gr)
p2021 = p2020*(1+gr)
p2022 = p2021*(1+gr)

disp('error populasi penduduk (%)')
%error (%)
PEt2016 = ((pp2016-p2016)/pp2016)*100%
PEt2017 = ((pp2017-p2017)/pp2017)*100%

disp('MAPE populasi penduduk (%)')
%MAPE (%)
MAPE = ((PEt2016+PEt2017)/2)*100

clear
clc

disp('data histori rumah tangga')
Rumah_tangga = [2015 2016 2017;59173 60105 60935]
%rumah tangga 2015
rt2015 = 59173
%rumah tangga 2016
rt2016 = 60105
%rumah tangga 2017
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rt2017 = 60934

disp('laju pertumbuhan rumah tangga')
%laju rumah tangga 2016
grt2016 = (rt2016-rt2015)/rt2015
%laju rumah tangga 2017
grt2017 = (rt2017-rt2016)/rt2016
%laju rata-rata pertumbuhan rumah tangga
grt = (grt2016+grt2017)/2

disp('prakiraan rumah tangga')
%prakiraan rumah tangga
nrt2016 = rt2015*(1+grt)
nrt2017 = rt2016*(1+grt)
nrt2018 = rt2017*(1+grt)
nrt2019 = nrt2018*(1+grt)
nrt2020 = nrt2019*(1+grt)
nrt2021 = nrt2020*(1+grt)
nrt2022 = nrt2021*(1+grt)

disp('error rumah tangga (%)')
%error (%)
PEt2016 = ((rt2016-nrt2016)/rt2016)*100%
PEt2017 = ((rt2017-nrt2017)/rt2017)*100%

disp('MAPE rumah tangga (%)')
% MAPE (%)
MAPE = ((PEt2016+PEt2017)/2)*100

clear
clc

disp('data histori PDRB Bisnis')
%PDRB 2015
PDRB2015 = 161844.93
%PDRB 2016
PDRB2016 = 171782.32
%PDRB 2017
PDRB2017 = 185668.61

disp('laju pertumbuhan PDRB bisnis')
%laju PDRB 2016
gPDRB2016 = (PDRB2016-PDRB2015)/PDRB2015
%laju PDRB 2017
gPDRB2017 = (PDRB2017-PDRB2016)/PDRB2016
%laju rata-rata pertumbuhan PDRB
gPDRB = (gPDRB2016+gPDRB2017)/2

disp('Prakiraan PDRB Bisnis')
%prakiraan PDRB
pPDRB2016 = PDRB2015*(1+gPDRB)
pPDRB2017 = PDRB2016*(1+gPDRB)
pPDRB2018 = PDRB2017*(1+gPDRB)

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pPDRB2019 = pPDRB2018*(1+gPDRB)
pPDRB2020 = pPDRB2019*(1+gPDRB)
pPDRB2021 = pPDRB2020*(1+gPDRB)
pPDRB2022 = pPDRB2021*(1+gPDRB)

disp('error PDRB Bisnis (%)')
%error (%)
PEt2016 = ((PDRB2016-pPDRB2016)/PDRB2016)*100%
PEt2017 = ((PDRB2017-pPDRB2017)/PDRB2017)*100%

disp('MAPE PDRB Bisnis (%)')
% MAPE (%)
MAPE = ((PEt2016+PEt2017)/2)*100

disp('Pertumbuhan PDRB Bisnis (%)')
%Pertumbuhan PDRB (%)
gPDRB2018 = ((pPDRB2018-PDRB2017)/PDRB2017)*100
gPDRB2019 = ((pPDRB2019-pPDRB2018)/pPDRB2018)*100
gPDRB2020 = ((pPDRB2020-pPDRB2019)/pPDRB2019)*100
gPDRB2021 = ((pPDRB2021-pPDRB2020)/pPDRB2020)*100
gPDRB2022 = ((pPDRB2022-pPDRB2021)/pPDRB2021)*100

clear
clc

disp('data histori PDRB Industri')
%PDRB 2015
PDRB2015 = 901147.47
%PDRB 2016
PDRB2016 = 936614.53
%PDRB 2017
PDRB2017 = 1006242.1

disp('laju pertumbuhan PDRB Industri')
%laju PDRB 2016
gPDRB2016 = (PDRB2016-PDRB2015)/PDRB2015
%laju PDRB 2017
gPDRB2017 = (PDRB2017-PDRB2016)/PDRB2016
%laju rata-rata pertumbuhan PDRB
gPDRB = (gPDRB2016+gPDRB2017)/2

disp('Prakiraan PDRB Industri')
%prakiraan PDRB
pPDRB2016 = PDRB2015*(1+gPDRB)
pPDRB2017 = PDRB2016*(1+gPDRB)
pPDRB2018 = PDRB2017*(1+gPDRB)
pPDRB2019 = pPDRB2018*(1+gPDRB)
pPDRB2020 = pPDRB2019*(1+gPDRB)
pPDRB2021 = pPDRB2020*(1+gPDRB)
pPDRB2022 = pPDRB2021*(1+gPDRB)

disp('error PDRB Industri (%)')
%error (%)
PEt2016 = ((PDRB2016-pPDRB2016)/PDRB2016)*100%

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PEt2017 = ((PDRB2017-pPDRB2017)/PDRB2017)*100%

disp('MAPE PDRB Industri (%)')
% MAPE (%)
MAPE = ((PEt2016+PEt2017)/2)*100

disp('Pertumbuhan PDRB Industri (%)')
%Pertumbuhan PDRB (%)
gPDRB2018 = ((pPDRB2018-PDRB2017)/PDRB2017)*100
gPDRB2019 = ((pPDRB2019-pPDRB2018)/pPDRB2018)*100
gPDRB2020 = ((pPDRB2020-pPDRB2019)/pPDRB2019)*100
gPDRB2021 = ((pPDRB2021-pPDRB2020)/pPDRB2020)*100
gPDRB2022 = ((pPDRB2022-pPDRB2021)/pPDRB2021)*100
clear
clc

disp('data histori PDRB Publik')
%PDRB 2015
PDRB2015 = 830050.18
%PDRB 2016
PDRB2016 = 866352.35
%PDRB 2017
PDRB2017 = 952939.99

disp('laju pertumbuhan PDRB Publik')
%laju PDRB 2016
gPDRB2016 = (PDRB2016-PDRB2015)/PDRB2015
%laju PDRB 2017
gPDRB2017 = (PDRB2017-PDRB2016)/PDRB2016
%laju rata-rata pertumbuhan PDRB
gPDRB = (gPDRB2016+gPDRB2017)/2

disp('Prakiraan PDRB Publik')
%prakiraan PDRB
pPDRB2016 = PDRB2015*(1+gPDRB)
pPDRB2017 = PDRB2016*(1+gPDRB)
pPDRB2018 = PDRB2017*(1+gPDRB)
pPDRB2019 = pPDRB2018*(1+gPDRB)
pPDRB2020 = pPDRB2019*(1+gPDRB)
pPDRB2021 = pPDRB2020*(1+gPDRB)
pPDRB2022 = pPDRB2021*(1+gPDRB)

disp('error PDRB Publik (%)')
%error (%)
PEt2016 = ((PDRB2016-pPDRB2016)/PDRB2016)*100%
PEt2017 = ((PDRB2017-pPDRB2017)/PDRB2017)*100%

disp('MAPE PDRB Publik (%)')
% MAPE (%)
MAPE = ((PEt2016+PEt2017)/2)*100

disp('Pertumbuhan PDRB Publik (%)')
%Pertumbuhan PDRB (%)
gPDRB2018 = ((pPDRB2018-PDRB2017)/PDRB2017)*100

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gPDRB2019 = ((pPDRB2019-pPDRB2018)/pPDRB2018)*100
gPDRB2020 = ((pPDRB2020-pPDRB2019)/pPDRB2019)*100
gPDRB2021 = ((pPDRB2021-pPDRB2020)/pPDRB2020)*100
gPDRB2022 = ((pPDRB2022-pPDRB2021)/pPDRB2021)*100

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clc

disp('data histori PDRB Total')
%PDRB 2015
PDRB2015 = 1893042.57
%PDRB 2016
PDRB2016 = 1974749.20
%PDRB 2017
PDRB2017 = 2144850.71

disp('laju pertumbuhan PDRB Total')
%laju PDRB 2016
gPDRB2016 = (PDRB2016-PDRB2015)/PDRB2015
%laju PDRB 2017
gPDRB2017 = (PDRB2017-PDRB2016)/PDRB2016
%laju rata-rata pertumbuhan PDRB
gPDRB = (gPDRB2016+gPDRB2017)/2

disp('Prakiraan PDRB Total')
%prakiraan PDRB
pPDRB2016 = PDRB2015*(1+gPDRB)
pPDRB2017 = PDRB2016*(1+gPDRB)
pPDRB2018 = PDRB2017*(1+gPDRB)
pPDRB2019 = pPDRB2018*(1+gPDRB)
pPDRB2020 = pPDRB2019*(1+gPDRB)
pPDRB2021 = pPDRB2020*(1+gPDRB)
pPDRB2022 = pPDRB2021*(1+gPDRB)

disp('error PDRB Total (%)')
%error (%)
PEt2016 = ((PDRB2016-pPDRB2016)/PDRB2016)*100%
PEt2017 = ((PDRB2017-pPDRB2017)/PDRB2017)*100%

disp('MAPE PDRB Total (%)')
% MAPE (%)
MAPE = ((PEt2016+PEt2017)/2)*100

disp('Pertumbuhan PDRB Total(%)')
%Pertumbuhan PDRB (%)
gPDRB2018 = ((pPDRB2018-PDRB2017)/PDRB2017)*100
gPDRB2019 = ((pPDRB2019-pPDRB2018)/pPDRB2018)*100
gPDRB2020 = ((pPDRB2020-pPDRB2019)/pPDRB2019)*100
gPDRB2021 = ((pPDRB2021-pPDRB2020)/pPDRB2020)*100
gPDRB2022 = ((pPDRB2022-pPDRB2021)/pPDRB2021)*100

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clc

disp('ELASTISITAS ENERGI RUMAH TANGGA')
disp('data histori konsumsi energi listrik rumah tangga')
%konsumsi energi listrik rumah tangga
ert2015 = 53725128
ert2016 = 55593896
ert2017 = 56620519

disp('laju pertumbuhan konsumsi energi listrik rumah tangga')
%pertumbuhan konsumsi energi listrik rumah tangga
gert2016 = ((ert2016-ert2015)/ert2015)
gert2017 = ((ert2017-ert2016)/ert2016)
gert = (gert2016+gert2017)/2

disp('data histori PDRB Total')
%PDRB total
PDRB2015 = 1893042.57;
PDRB2016 = 1974749.20;
PDRB2017 = 2144850.71;

disp('laju pertumbuhan PDRB Total')
%pertumbuhan PDRB total
gPDRB2016 = (PDRB2016-PDRB2015)/PDRB2015
gPDRB2017 = (PDRB2017-PDRB2016)/PDRB2016
gPDRB = (gPDRB2016+gPDRB2017)/2

disp('elastisitas energi rumah tangga')
%elastisitas energi rumah tangga
e = (gert/gPDRB)*100

clear
clc

disp('ELASTISITAS ENERGI BISNIS')
disp('data histori konsumsi energi listrik bisnis')
%konsumsi energi listrik bisnis
ert2015 = 4266340
ert2016 = 4547487
ert2017 = 5092577

disp('laju pertumbuhan konsumsi energi listrik bisnis')
%pertumbuhan konsumsi energi listrik bisnis
gert2016 = ((ert2016-ert2015)/ert2015)
gert2017 = ((ert2017-ert2016)/ert2016)
gert = (gert2016+gert2017)/2

disp('data histori PDRB Bisnis')
%PDRB bisnis
PDRB2015 = 161844.93
PDRB2016 = 171782.32
PDRB2017 = 185668.61

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disp('Pertumbuhan PDRB Bisnis')
%pertumbuhan PDRB bisns
gPDRB2016 = (PDRB2016-PDRB2015)/PDRB2015
gPDRB2017 = (PDRB2017-PDRB2016)/PDRB2016
gPDRB = (gPDRB2016+gPDRB2017)/2

disp('elastisitas energi bisnis')
%elastisitas energi bisnis
e = (gert/gPDRB)

clear
clc

disp('ELASTISITAS ENERGI INDUSTRI')
disp('data histori konsumsi energi listrik industri')
%konsumsi energi listrik industri
ert2015 = 3422469
ert2016 = 3908786
ert2017 = 4156372

disp('laju pertumbuhan konsumsi energi listrik industri')
%pertumbuhan konsumsi energi listrik industri
gert2016 = ((ert2016-ert2015)/ert2015)
gert2017 = ((ert2017-ert2016)/ert2016)
gert = (gert2016+gert2017)/2

disp('data histori PDRB Indsutri')
%PDRB industri
PDRB2015 = 901147.47
PDRB2016 = 936614.53
PDRB2017 = 1006242.11

disp('laju pertumbuhan PDRB Industri')
%pertumbuhan PDRB industri
gPDRB2016 = (PDRB2016-PDRB2015)/PDRB2015
gPDRB2017 = (PDRB2017-PDRB2016)/PDRB2016
gPDRB = (gPDRB2016+gPDRB2017)/2

disp('elastisitas energi indsutri')
%elastisitas energi industri
e = gert/gPDRB

clear
clc

disp('ELASTISITAS ENERGI PUBLIK')
disp('data histori energi listrik publik')
%konsumsi energi listrik publik
ert2015 = 5447554
ert2016 = 5239602
ert2017 = 5896790

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disp('laju pertumbuhan konsumsi energi listrik publik')
%pertumbuhan konsumsi energi listrik publik
gert2016 = ((ert2016-ert2015)/ert2015)
gert2017 = ((ert2017-ert2016)/ert2016)
gert = (gert2016+gert2017)/2

disp('data histori PDRB Publik')
%PDRB publik
PDRB2015 = 830050.18;
PDRB2016 = 866352.35;
PDRB2017 = 952939.99;

disp('laju pertumbuhan PDRB Publik')
%pertumbuhan PDRB publik
gPDRB2016 = (PDRB2016-PDRB2015)/PDRB2015
gPDRB2017 = (PDRB2017-PDRB2016)/PDRB2016
gPDRB = (gPDRB2016+gPDRB2017)/2

disp('elastisitas energi publik')
%elastisitas energi publik
e = gert/gPDRB

clear
clc

disp('data histori')
Rumah_tangga = [2015 2016 2017;59173 60105 60934]
Pelanggan_rumah_tangga = [2015 2016 2017;45509 47265 49538]
Pelanggan_bisnis = [2015 2016 2017;792 846 901]
Pelanggan_industri = [2015 2016 2017;5 5 5]
Pelanggan_publik = [2015 2016 2017;500 497 504]
Konsumsi_energi_listrik_rumah_tangga = [2015 2016 2017;53725128 55593896
56620519]
Konsumsi_energi_listrik_bisnis = [2015 2016 2017;4266340 4547487
5092577]
Konsumsi_energi_listrik_industri = [2015 2016 2017;3422469 3908786
4156372]
Konsumsi_energi_listrik_publik = [2015 2016 2017;5447554 5239602
5896790]

%rumah tangga 2015
rt2015 = 59173
%rumah tangga 2016
rt2016 = 60105
%rumah tangga 2017
rt2017 = 60934

%laju rumah tangga 2016
disp('laju pertumbuhan rumah tangga')
grt2016 = (rt2016-rt2015)/rt2015
%laju rumah tangga 2017
grt2017 = (rt2017-rt2016)/rt2016

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%laju rata-rata pertumbuhan rumah tangga
grt = (grt2016+grt2017)/2

%prakiraan rumah tangga
disp('prakiraan rumah tangga')
nrt2018 = rt2017*(1+grt)
nrt2019 = nrt2018*(1+grt)
nrt2020 = nrt2019*(1+grt)
nrt2021 = nrt2020*(1+grt)
nrt2022 = nrt2021*(1+grt)

%Prakiraan rasio elektrifikasi
RE2015 = 0.76
RE2016 = 0.78
RE2017 = 0.81

%pertumbuhan rasio elektrifikasi
disp('laju pertumbuhan rasio elektrifikasi')
gRE2016 = ((RE2016-RE2015)/RE2015)
gRE2017 = ((RE2017-RE2016)/RE2016)
gRE = (gRE2016+gRE2017)/2

%prakiraan rasio elektrifikasi
disp('prakiraan rasio elektrifikasi')
RE2018 = RE2017*(1+gRE)
RE2019 = RE2018*(1+gRE)
RE2020 = RE2019*(1+gRE)
RE2021 = RE2020*(1+gRE)
RE2022 = RE2021*(1+gRE)

%prakiraan pelanggan rumah tangga
disp('prakiraan pelanggan rumah tangga')
Prt2018 = nrt2018*RE2018
Prt2019 = nrt2019*RE2019
Prt2020 = nrt2020*RE2020
Prt2021 = nrt2021*RE2021
Prt2022 = nrt2022*RE2022

%prakiraan pelanggan bisnis
disp('prakiraan pelanggan bisnis')
Pb2018 = 901*(1+1.31*(Prt2018/49538-1))
Pp2019 = Pb2018*(1+1.31*(Prt2019/Prt2018-1))
Pp2020 = Pp2019*(1+1.31*(Prt2020/Prt2019-1))
Pp2021 = Pp2020*(1+1.31*(Prt2021/Prt2020-1))
Pp2022 = Pp2021*(1+1.31*(Prt2022/Prt2021-1))

%prakiraan pelanggan industri
disp('prakiraan pelanggan industri')

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Pi2018 = 5*(1+1.81*(5.68/100))
Pi2019 = Pi2018*(1+1.81*(5.68/100))
Pi2020 = Pi2019*(1+1.81*(5.68/100))
Pi2021 = Pi2020*(1+1.81*(5.68/100))
Pi2022 = Pi2021*(1+1.81*(5.68/100))

%prakiraan pelanggan publik
disp('prakiraan pelanggan publik')
Pp2018 = 504*(1+0.61*(Prt2018/49538-1))
Pp2019 = Pp2018*(1+0.61*(Prt2019/Prt2018-1))
Pp2020 = Pp2019*(1+0.61*(Prt2020/Prt2019-1))
Pp2021 = Pp2020*(1+0.61*(Prt2021/Prt2020-1))
Pp2022 = Pp2021*(1+0.61*(Prt2022/Prt2021-1))

%prakiraan konsumsi energi listrik rumah tangga
disp('prakiraan konsumsi energi listrik rumah tangga')
Ert2018 = 56620519*(1+0.41*(6.47/100))+2085*1166.57
Ert2019 = Ert2018*(1+0.41*(6.48/100))+2240*1166.57
Ert2020 = Ert2019*(1+0.41*(6.48/100))+2337*1166.57
Ert2021 = Ert2020*(1+0.41*(6.49/100))+2439*1166.57
Ert2022 = Ert2021*(1+0.41*(6.50/100))+2544*1166.57

%prakiraan konsumsi energi listrik bisnis
disp('prakiraan konsumsi energi listrik bisnis')
Eb2018 = 5092577*(1+1.31*7.11/100)
Eb2019 = Eb2018*(1+1.31*7.11/100)
Eb2020 = Eb2019*(1+1.31*7.11/100)
Eb2021 = Eb2020*(1+1.31*7.11/100)
Eb2022 = Eb2021*(1+1.31*7.11/100)

%prakiraan konsumsi energi listrik industri
disp('prakiraan konsumsi energi listrik industri')
Ei2018 = 4156372*(1+1.81*5.68/100)
Ei2019 = Ei2018*(1+1.81*5.68/100)
Ei2020 = Ei2019*(1+1.81*5.68/100)
Ei2021 = Ei2020*(1+1.81*5.68/100)
Ei2022 = Ei2021*(1+1.81*5.68/100)

%prakiraan konsumsi energi listrik publik
disp('prakiraan konsumsi energi listrik publik')
Ep2018 = 5896790*(1+0.61*7.18/100)
Ep2019 = Ep2018*(1+0.61*7.18/100)
Ep2020 = Ep2019*(1+0.61*7.18/100)
Ep2021 = Ep2020*(1+0.61*7.18/100)
Ep2022 = Ep2021*(1+0.61*7.18/100)

%prakiraan konsumsi energi listrik total
disp('prakiraan konsumsi energi listrik total')
ET2018 = Ert2018+Eb2018+Ei2018+Ep2018
ET2019 = Ert2019+Eb2019+Ei2019+Ep2019
ET2020 = Ert2020+Eb2020+Ei2020+Ep2020
ET2021 = Ert2021+Eb2021+Ei2021+Ep2021
ET2022 = Ert2022+Eb2022+Ei2022+Ep2022

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%prakiraan kebutuhan energi total
disp('prakiraan kebutuhan energi total')
PT2018 = (ET2018+(ET2018/0.1))/1000
PT2019 = (ET2019+(ET2019/0.1))/1000
PT2020 = (ET2020+(ET2020/0.1))/1000
PT2021 = (ET2021+(ET2021/0.1))/1000
PT2022 = (ET2022+(ET2022/0.1))/1000

%prakiraan beban puncak
disp('prakiraan beban puncak')
BP2018 = ET2018/(0.8*8760)
BP2019 = ET2019/(0.8*8760)
BP2020 = ET2020/(0.8*8760)
BP2021 = ET2021/(0.8*8760)
BP2022 = ET2022/(0.8*8760)
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MATLAB R2017a

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Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5699e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

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laju pertumbuhan rasio elektrifikasi
gRE2016 =
    0.0263
gRE2017 =
    0.0385
gRE =
    0.0324
prakiraan rasio elektrifikasi
RE2018 =
    0.8362
RE2019 =
    0.8633

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MATLAB R2017a

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Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5699e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

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RE2020 =
    0.8913
RE2021 =
    0.9201
RE2022 =
    0.9500
prakiraan pelanggan rumah tangga
Prct2018 =
    5.1708e+04
Prct2019 =
    5.4171e+04

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MATLAB R2017a

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Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5669e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

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Prt2020 =
    5.6752e+04

Prt2021 =
    5.9455e+04

Prt2022 =
    6.2288e+04

prakiraan_pelanggan_bisnis

Pb2018 =
    952.6980

Pp2019 =
    1.0122e+03
  
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MATLAB R2017a

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File Edit Breakpoints Run Run and Advance Run and Time

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5669e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

```

Pp2020 =
    1.0753e+03

Pp2021 =
    1.1424e+03

Pp2022 =
    1.2137e+03

prakiraan_pelanggan_industri

Pi2018 =
    5.5140

Pi2019 =
    6.0809
  
```

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MATLAB R2017a

HOME PLOTS APPS EDITOR PUBLISH VIEW

Find Files Find Files Go To Insert Comment Breakpoints Run Run and Advance Run Section Run and Time

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5699e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

```

P12020 =
    6.7061

P12021 =
    7.3955

P12022 =
    8.1559

prakiraan pelanggan publik

Pp2018 =
    517.4662

Pp2019 =
    532.5035
  
```

Activate Windows
Go to Settings to activate Windows.

MATLAB R2017a

HOME PLOTS APPS EDITOR PUBLISH VIEW

Find Files Find Files Go To Insert Comment Breakpoints Run Run and Advance Run Section Run and Time

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5699e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

```

Pp2020 =
    547.9778

Pp2021 =
    563.9018

Pp2022 =
    580.2885

prakiraan konsumsi energi listrik rumah tangga

Ert2018 =
    6.0555e+07

Ert2019 =
    6.4777e+07
  
```

Activate Windows
Go to Settings to activate Windows.

MATLAB R2017a

HOME PLOTS APPS EDITOR PUBLISH VIEW

File Edit Breakpoints Run Run and Advance Run and Time

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5669e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

```

Ert2020 =
    6.9224e+07

Ert2021 =
    7.3911e+07

Ert2022 =
    7.8849e+07

prakiraan konsumsi energi listrik bisnis

Eb2018 =
    5.5669e+06

Eb2019 =
    6.0854e+06
  
```

Activate Windows
Go to Settings to activate Windows.

MATLAB R2017a

HOME PLOTS APPS EDITOR PUBLISH VIEW

File Edit Breakpoints Run Run and Advance Run and Time

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5669e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

```

Eb2020 =
    6.6522e+06

Eb2021 =
    7.2718e+06

Eb2022 =
    7.9491e+06

prakiraan konsumsi energi listrik industri

Ei2018 =
    4.5837e+06

Ei2019 =
    5.0549e+06
  
```

Activate Windows
Go to Settings to activate Windows.

MATLAB R2017a

HOME PLOTS APPS EDITOR PUBLISH VIEW

File Edit Breakpoints Run Run and Advance Run and Time

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5669e+06
Eb2019	6.0534e+06
Eb2020	6.6322e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

```

Ei2020 =
    5.5746e+06

Ei2021 =
    6.1477e+06

Ei2022 =
    6.7798e+06

prakiraan konsumsi energi listrik publik

Ep2018 =
    6.1551e+06

Ep2019 =
    6.4246e+06
  
```

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MATLAB R2017a

HOME PLOTS APPS EDITOR PUBLISH VIEW

File Edit Breakpoints Run Run and Advance Run and Time

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5669e+06
Eb2019	6.0534e+06
Eb2020	6.6322e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

Command Window:

```

Ep2020 =
    6.7060e+06

Ep2021 =
    6.9997e+06

Ep2022 =
    7.3063e+06

prakiraan konsumsi energi listrik total

ET2018 =
    7.6860e+07

ET2019 =
    8.2342e+07
  
```

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MATLAB R2017a

HOME PLOTS APPS EDITOR PUBLISH VIEW

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Command Window:

```

ET2020 =
    8.8157e+07

ET2021 =
    9.4930e+07

ET2022 =
    1.0088e+08

prakiraan kebutuhan energi total

PT2018 =
    8.4546e+05

PT2019 =
    9.0576e+05
  
```

Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5669e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

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MATLAB R2017a

HOME PLOTS APPS EDITOR PUBLISH VIEW

Current Folder: C:\Program Files\MATLAB\R2017a\bin

Command Window:

```

PT2020 =
    9.6973e+05

PT2021 =
    1.0376e+06

PT2022 =
    1.1097e+06

prakiraan beban puncak

BP2018 =
    1.0968e+04

BP2019 =
    1.1750e+04

BP2020 =
    1.2579e+04

BP2021 =
    1.3460e+04

BP2022 =
    1.4396e+04
  
```

Workspace:

Name	Value
BP2018	1.0968e+04
BP2019	1.1750e+04
BP2020	1.2579e+04
BP2021	1.3460e+04
BP2022	1.4396e+04
Eb2018	5.5669e+06
Eb2019	6.0854e+06
Eb2020	6.6522e+06
Eb2021	7.2718e+06
Eb2022	7.9491e+06
Ei2018	4.5837e+06

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