<InputOperation> id: Restructure Data keys<[data]> Restructure Data <type 'dict'> <ValidateRestructure> rules: restructure contains 'personinntekt\_total\_aar, egenkapital, intervall, laneperiode, lanetype, netto\_likviditet, startdato, belaning' id: Validate Restructure Information keys<[nominell\_rente, personinntekt\_total\_aar, lanetype, intervall, laneperiode, startdato, egenkapital, netto\_likviditet, belaning]> Validated Restructure Information <type 'dict'> <Factor> <ReadSettings> <ReadSettings> <Extract> id: Full Financing thread id: Extract <key 'personinntekt\_total\_aar'> setting: egenkapital\_krav setting: gjeldsgrad factor: 100 <Extract> id: Extract < key 'egenkapital'> keys<[krav\_egenkapital\_andel]> keys<[arsinntekt aar]> keys<[factor]> thread Total Monthly Gross Income <type 'dict'> Mortgage Limit <type 'dict'> Required Equity Share <type 'dict'> <Extract> thread thread thread

<Extract> id: Extract < key 'laneperiode'> <Extract> id: Extract <key 'belaning'> id: Extract < key 'nominell rente'> <SsbConnector> <Subtraction> <Multiplication> <ReadSettings> from: 'https://data.ssb.no/api/v0/no/table/10748' id: Calculate Total Mortgage Limit id: Calculate Required Mortgage Share id: Market Interest Rate Connector <Extract> <Extract> id: Extract <key 'startdato'> id: Extract < key 'intervall'> keys<[egenkapital\_2]>
Total Equity <type 'dict'> keys<[markedsrente]> keys<[krav\_belaningsgrad]> keys<[krav\_belaning\_maks]> keys<[belaning]> keys<[factor]> Calculated Required Mortgage Share <type 'dict'> Stresstest Limit <type 'dict'> SSB Market Interest Rates <type 'dict'> Total Mortgage Limit <type 'dict'> Total Mortgage Amount <type 'dict'> ..... '-----<SerialStressTest> <FixedStressTest> thread thread id: Serial Stress Test id: Fixed Stress Test <Comparison> id: Comparison of Lowest Possible Mortgage Requirement id: Calculate Total Financing Frame id: Calculate Required Mortgage Share as Percentage id: Calculate Required Stress Rate <Extract> id: Extract < key 'netto likviditet'> keys<[stresstest\_annuitet]> keys<[krav\_belaning\_verdi]> keys<[laneperiode]> keys<[nominell rente]> keys<[krav stresstest annuitet]> keys<[total ramme]> Calculated Required Mortgage Share as Percentage <type 'dict'> Lowest Mortgage Requirement <type 'dict'> Fixed Stress Test < type 'dict'> Fixed Stress Test <type 'dict'> Calculated Required Fixed Stress Rate <type 'dict'> Interval for Mortgage <type 'dict'> Start Date for Mortgage <type 'dict'> Period for Mortgage <type 'dict'> Calculated Total Financing Frame <type 'dict'> Nominal Interest Rate <type 'dict'> keys<[krav\_stresstest\_serie]>
Calculated Required Serial Stress Rate <type 'dict'> thread <GenerateFixedPaymentPlan> <GenerateSeriesPaymentPlan> <Division> <FixedPayment> id: Generate Fixed Mortgage id: Generate Series Mortgage id: Calculate Equity Share id: Calculate Required Total Financing Frame id: Calculation of Fixed Amount Payment Plan Payment Plan keys<[egenkapital\_andel]>
Calculated Equity Share <type 'dict'> keys<[krav\_total\_ramme]> keys<[netto\_likviditet\_2]> keys<[krav nettolikviditet]> Calculated Fixed Amount <type 'dict'> Calculated Required Total Financing Frame <type 'dict'> Total Monthly Net Liquidity <type 'dict'> ; keys<[nedbetalingsplan\_serie, start\_dato\_serie, slutt\_dato\_serie, total\_rente\_serie, total\_belop\_serie, total\_termin\_serie, aar\_serie, termin\_aar\_serie, laan\_serie, rente\_serie, nedbetalingsplan\_serie\_overview, total\_belop\_andel\_serie, default thread thread thread total\_rente\_andel\_serie, laan\_andel\_serie]> Generate Series Mortgage Payment Plan < type 'dict'> <Converter> <Converter> <Subtraction> <Subtraction> id: Convert amount id: Convert amount id: Calculate Mortgage Share id: Calculate Required Equity from 'Månedlig' to 'Månedlig from 'Månedlig' to 'Månedlig' keys<[nedbetalingsplan\_annuitet, start\_dato\_annuitet, slutt\_dato\_annuitet, total\_rente\_annuitet, total\_belop\_annuitet, total\_termin\_annuitet, aar\_annuitet, termin\_aar\_annuitet, laan\_annuitet, rente\_annuitet, nedbetalingsplan\_annuitet\_overview, total\_belop\_andel\_annuitet, total\_rente\_andel\_annuitet, laan\_andel\_annuitet]> default thread thread thread thread Generate Fixed Mortgage keys<[belaningsgrad]>
Calculated Mortgage Share <type 'dict'> keys<[krav\_egenkapital]> keys<[netto likviditet mnd serie]> keys<[netto likviditet plan annuitet]> keys<[netto likviditet plan serie]> keys<[krav nettolikviditet]> Calculated Required Equity <type 'dict'> Monthly Series Net Liquidity Plan <type 'dict'> Converted Fixed Net Liquidity Plan <type 'dict'> Calculated Monthly Fixed Amount <type 'dict'> Converted Series Net Liquidity Plan <type 'dict'> id: Multiplex Restructured Mortgage Information

> keys<[aar annuitet, aar serie, arsinntekt aar, belaning, belaningsgrad, egenkapital 2, egenkapital andel, krav belaning, krav\_belaning\_maks, krav\_belaningsgrad, krav\_egenkapital, krav\_egenkapital\_andel, krav nettolikviditet, krav stresstest annuitet, krav stresstest serie, krav total ramme, laan andel annuitet, laan andel serie, laan annuitet, laan serie, nedbetalingsplan\_annuitet, nedbetalingsplan\_annuitet\_overview, nedbetalingsplan\_serie, nedbetalingsplan\_serie\_overview, netto\_likviditet\_2, netto\_likviditet\_mnd\_annuitet, netto\_likviditet\_mnd\_serie, netto\_likviditet\_plan\_annuitet, netto likviditet plan serie, rente annuitet, rente serie, slutt dato annuitet, slutt dato serie, start dato annuitet, start dato serie, stresstest annuitet, stresstest serie, termin aar annuitet, termin aar serie, total belop andel annuitet, total belop andel serie, total belop annuitet, total belop serie, total ramme, total rente andel annuitet, total rente andel serie, total rente annuitet, total rente serie, total termin annuitet, total termin serie]> Multiplexed Restructure Mortgage Information <type 'dict'>

keys<[aar annuitet, aar serie, arsinntekt aar, belaning, belaningsgrad, egenkapital 2, egenkapital andel, krav belaning, krav belaning maks, krav belaningsgrad, krav egenkapital, krav egenkapital andel, krav nettolikviditet, krav stresstest annuitet, krav stresstest serie, krav total ramme, laan\_andel\_annuitet, laan\_andel\_serie, laan\_annuitet, laan\_serie, nedbetalingsplan\_annuitet, nedbetalingsplan\_annuitet\_overview, nedbetalingsplan\_serie, nedbetalingsplan\_serie\_overview, netto likviditet 2, netto likviditet mnd annuitet, netto likviditet mnd serie, netto likviditet plan annuitet, netto likviditet plan serie, rente annuitet, rente serie, slutt dato annuitet, slutt dato serie, start dato annuitet, start dato serie, stresstest annuitet, stresstest serie, termin aar annuitet, termin aar serie, total belop andel annuitet, total belop andel serie, total belop annuitet, total belop serie, total ramme,

> total\_rente\_andel\_annuitet, total\_rente\_andel\_serie, total\_rente\_annuitet, total\_rente\_serie, total termin annuitet, total termin serie]>

Multiplexed Restructure Information <type 'dict'>

<OutputOperation> id: Multiplexed Restructure Information