“userInput” :

[ {

“analysisObject” :

{

”analysisType”: “string”,

“projectType”: “string”,

“objToReport”: list of strings,

“studyPeriod”: int,

“baseDate”: date,

“serviceDate”: date,

“timestepVal”: “string”,

“timestepComp”: int,

“outputRealBool”: boolean,

“interestRate”: float,

“dRateReal”: float,

“dRateNom: float,

“inflationRate”: float,

“Marr”: float,

“reinvestRate”: float,

“incomeRateFed”: float,

“incomeRateOther”: float,

“noAlt”: int,

“location”: [“string1”,”string2”,…,”stringN”]

},

“alternativeObject” : [

{

“altID”: int,

“altName”: “string”,

“altBCNList”: [int1, int2, …, intN],

“baselineBool”: boolean

},

{

“altID”: int,

“altName”: “string”,

“altBCNList”: [int1, int2, …, intN],

“baselineBool”: boolean

}

]

“bcnObject” : [

{

“bcnID”: int,

“altID”: int,

“bcnType”: “string”,

“bcnSubType”: “string”,

“bcnName”: “string”,

“bcnTag”: “string”,

“initialOcc”: int,

“bcnRealBool”: boolean,

“bcnInvestBool”: boolean,

“rvBool”: boolean,

“recurBool”: boolean,

“recurInterval”: int,

“recurVarRate”: “string”,

“recurVarValue”: [float1, float2, …, floatN],

“recurEndDate”: int,

“valuePerQ”: float,

“quant”: float,

“quantVarRate”: “string”,

“quantVarValue: [float1, float2, …, floatN],

“quantUnit”: “string”

},

{

“bcnID”: int,

“altID”: int,

“bcnType”: “string”,

“bcnSubType”: “string”,

“bcnName”: “string”,

“bcnTag”: “string”,

“initialOcc”: int,

“bcnRealBool”: boolean,

“bcnInvestBool”: boolean,

“rvBool”: boolean,

“recurBool”: boolean,

“recurInterval”: int,

“recurVarRate”: “string”,

“recurVarValue”: [float1, float2, …, floatN],

“recurEndDate”: int,

“valuePerQ”: float,

“quant”: float,

“quantVarRate”: “string”,

“quantVarValue: [float1, float2, …, floatN],

“quantUnit”: “string”

}

]

“sensitivityObject” : [

{

“globalVarBool”: boolean,

“altID”: int,

“bcnID”: int,

“varName”: “string”,

“diffType”: “string”,

“diffVal”: “string”

},

{

“globalVarBool”: boolean,

“altID”: int,

“bcnID”: int,

“varName”: “string”,

“diffType”: “string”,

“diffVal”: “string”

}

]

“scenarioObject” : [

{

objectVariables

},

{

objectVariables

}

]

} ]