* UBS


## Decipher



## Holistic Advice Means More After-Tax Dollars



[^0]DECIPHER

## Potential

| $\$ 100$ Million | 1 Bp | $\$ 100$ |
| :--- | :---: | :---: |
| $=$ | Million |  |

$\$ 1$ Trillion


## \$25 Trillion



[^1]
## Pioneering



The sytem sow este up the objective fenction ber the ojciminatiee se in eys-



$$
\max _{x} E(V)=\mu^{(N)} x-\alpha x^{r} \Sigma^{\left.()^{n}\right)}
$$

mbject tox

1. $x \geq 0$
2. $1^{7} x=4$
3. $1^{7} x^{(0)}=$ d, Ve $\in A$ where is, is the dellar amoent of all meruritien and comb in wexesu a

 al fuen porithen




 If the sper deller lowat os secuity $t$ is averent e and there are es econits
4. $G_{\mathrm{x}} \leq \mathrm{b}$ where $G_{4},=-1$ if $i=j$ and $A_{4}=-B_{4}(0,+\infty,-1)$ where


5. $y^{(*)} \geq 0, a \in A$
6. $y^{(0)}-y^{2} x_{i}^{(0)} \geq y^{(0)}, s \in A$

## Practical




D DECIPHER
|Plan


## Summation

Hyper-Personalization


Happy Customers

Higher Returns

Reduced Tail Risk

Reduced Taxes

Higher Revenue
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[^1]:    3 Cecipher Finsnce LLC | CONFICENTIAL

