

Plane Algo

Regular \$\$\$
or
Economy \$

Customer

Regular \$\$\$

Economy \$

* Display $\frac{1}{3}$ of available
Seats for customer to choose from

Distribution of seats will be
42% Window seats
42% aisle seats
16% middle seats

Algorithm dynamically updates to
keep balancing this arrangement as
seats are filled

if party = 2 or more, keep equation
but display seats in groups that allow
party to sit together, up to 6

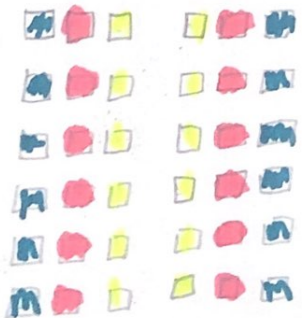
Randomly Assign passenger
to seat based on probability

50% Middle seat
30% Aisle seat
20% Window seat

if party = 2 or more, Assign
Seats by the following preference

1. parties of 2 go in aisle, middle
2. parties of 3 go aisle, aisle, middle
if available
3. parties of 4 go adjacent or
front/back aisle/middle

36 seats



$\frac{1}{3} = 12$ seats

Normally

4 green $\rightarrow 33\%$
4 yellow $\rightarrow 33\%$
4 red $\rightarrow 33\%$

Algorithm

5 green $\rightarrow 42\%$
5 yellow $\rightarrow 42\%$
2 red $\rightarrow 16\%$