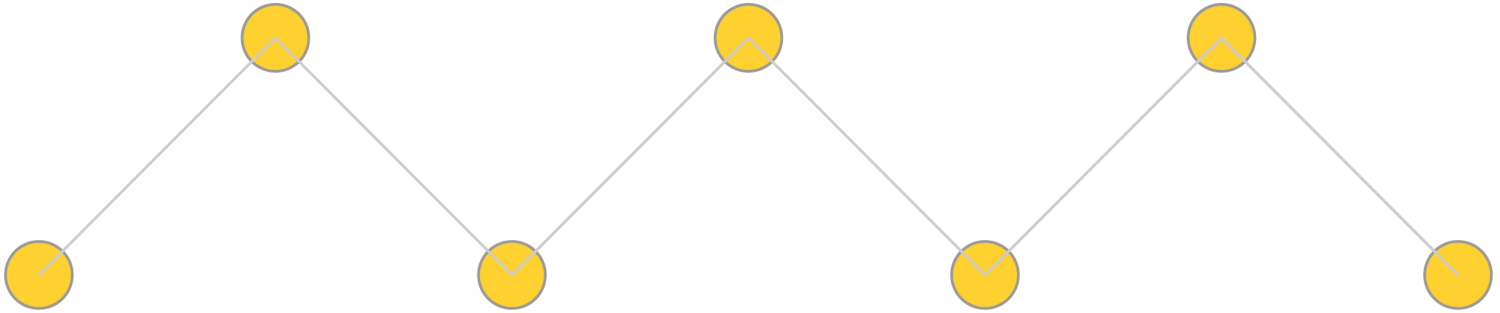Straight Lines with Open Path