Instant Pot Corned Beef and Cabbage

- [ ] 3-pound corned beef brisket with spice packet
- [ ] 1/2 large head cabbage
- [ ] 5 large carrots
- [ ] 1 pound red potatoes
- [ ] 2 medium onions
- [ ] 6 large garlic cloves
- [ ] 2 bay leaves
- [ ] 2 cups fat-free chicken or beef broth
- [ ] Sea salt and black pepper